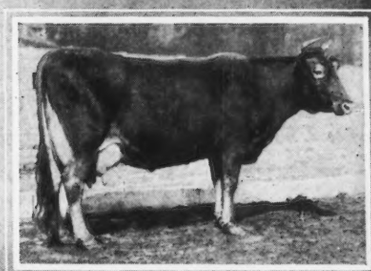
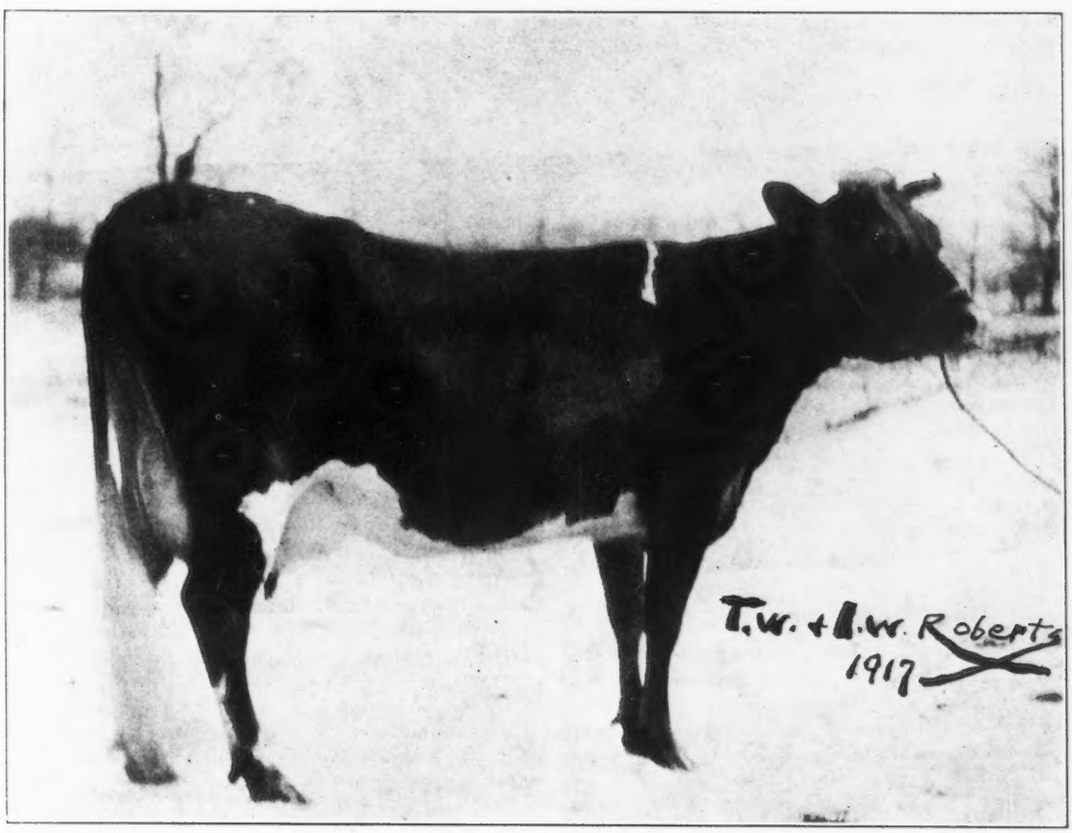
GUERNSEY BREEDERS' JOURNAL



Issued Semi-Monthly by The American Guernsey Cattle Club and Devoted to the Advancement of the Guernsey

Entered as Second Class Matter, Dec. 15, 1909, at the Post Office at Peterboro, N. H., under the Act of March 3, 1879

Vol. XIII, No. 2, New Series | SECRETARY'S OFFICE, PETERBORO, N. H. | January 15, 1918



CLOVER OF PENCOYD 2D 35083, A. R. 2725

Records: 9358.70 lbs of milk; 481.91 lbs. of butter fat, class G
16127.10 " " " 8 82.63 " " " " " A

Sire—Glenwood's Main Stay 16th 9384 Dam—Clover of Pencoyd 20578

Owned by T. W. & I. W. Roberts, Bala, Pennsylvania

(See article on page 38)

Guernsey Breeders' Journal

The Official Publication of the Breed
Published on the 1st and 15th of Every Month by
The American Guernsey Cattle Club
Subscription, $2.00 a year
Advertising Rates on Request

Designed to Promote and Advance the Interests of the Guernsey

Live Local Associations

One of the greatest factors in the advance of the Guernsey breed has been the live local breeders' association or club. There are ninety distinctly Guernsey associations listed in our office files at the present time. Some of them are wide awake associations and constitute the "factor" mentioned in the first sentence. Other associations are existing in name only so far as doing anything constructive is concerned. This class of associations is a direct hindrance to the advancement of the breed and should be done away with,—not, however, by passing out the existence but should be re-organized along modern lines.

In order that the advance of the Guernsey breed may be made as rapidly as possible consistent with a sane and healthy growth each local association should take stock at this time to see if it is accomplishing all that it can and if not the situation should be analyzed and remedied. Perhaps a little different type of officers would change the whole history of your community, or it may be that the methods used in trying to accomplish certain ends are archaic. Perhaps the purpose of the association or club is not well defined. If for these or any other reasons there has not been a steady growth in your local Guernsey association find out the reason why and then remove the cause. If you need any help the mother CLUB stands ready to serve you.

We were very much pleased in reading the secretary's report of the last meeting of the Meeker County, Minnesota, Guernsey Breeders' Association, to find that this association is alive to its opportunities and to learn of the many novel ways that it is carrying on its work. This report, which appeared in the January 1 issue of the JOURNAL, will be an inspiration to everyone who reads it and we suggest that every officer of a local club take time to go over it carefully and lay out a definite amount of work for his local association to accomplish this year. Then get busy and see that the work is carried out.

The Labor Problem

The farm labor problem has for many years been the hardest one for breeders to solve. Before the war it seemed to be getting worse from year to year and since the United States entered the world struggle for democracy the necessity of reorganizing a peaceful nation and putting it on a war basis necessarily caused a great shock in our industrial and agricultural systems, which has resulted in severely augmenting the labor problem on the farm. The outlook for the future is not extremely bright and in order to supply the food, including dairy products, which is demanded of the American farmer the best thought of the Nation will have to be given to the question of how adepuate labor can be furnished the farmer, not only in the way of year-round help, but also for special harvesting seasons when an extra force of men is needed to gather the crops.

The Federal Department of Agriculture fully appreciates the seriousness of the situation and is taking definite steps to furnish relief at every point as fast as possible. Some agricultural papers have been promoting the suggestion that farmers as a class should be exempted from military service and that no person from this class should be permitted to serve in the army. It is unfair, however, to assume that farmers as a whole would care to have the rest of the population do all the fighting. A shortage of labor has necessarily been caused everywhere, due to the many thousands of men needed to do the fighting and to the millions more who have been turned into new channels for the purpose of furnishing materials needed in warfare. Farmers and breeders of pure bred live-stock expect to do their share in furnishing their quota of men for these purposes, but it will not of course be wise to curtail the labor supply to such a point that a decreased food productions result.

The federal Department of Agriculture is therefore dealing with this problem in a constructive way and has already accomplished a great deal in preventing skilled farm labor from leaving the farms. Even under the pressure of the first draft, the War Department held definitely in mind the thought of lightening the burden by not calling to the colors those essential for leadership and direction. With the fuller time at its disposal the War Department acting upon the recommendation of the Department of Agriculture has worked out a system of classification of men subject to the draft which places farm labor in the deferred classes.

The lines of effort along which the Department of Agriculture is now working embrace the following.

First: A systematic survey of the farm labor situation in order to ascertain the possible needs of farmers and to determine ways of meeting them.

Second: The promotion of fuller cooperation in the utilization of labor among farmers in the same community.

Third: The further development of machinery for assisting in the transfer of labor from sections where seasonal pressure has passed to regions where additional help is urgently needed.

Fourth: Making available labor which heretofore has not been fully or regularly utilized in farming operations, including boys of high school age who have had experience on the farm.

Fifth: The releasing of men for agricultural purposes, so far as possible, by replacing them with women and by diverting labor from relatively nonessential enterprises.

Sixth: Steps to see that any able-bodied men who are not now doing a full and useful day's work shall be fully and regularly employed. This, of course, is a matter primarily for consideration by state and municipal authorities.

Seventh: The largest possible production and fullest use of farm labor-saving machinery. The Department has actively interested itself in securing priority for raw materials used in the manufacture of farm implements, and also in securing favorable consideration at the hands of transportation committees to provide facilities for moving the materials to the manufacturers and the completed products from the manufacturers to the distributors and also to the farmers. Both those dealing with priorities of materials and those dealing with priorities of transportation have evinced a complete willingness to assist. This is indicated by the fact that the priorities committee of the War Industries Board gave raw materials needed for farm implements a position of preference over all articles except those urgently required for military and naval purposes, and that the transportation committee took steps to secure the prompt movement of the raw materials and of the manufactured articles. This matter is still receiving the earnest attention of the Department with a view to see what further action can be taken to make certain that an adequate supply will be available at reasonable prices.

CLACKAMUS COUNTY BREEDERS ORGANIZE

A FEW years ago there were but one or two Guernsey breeders in Clackamus County, Oregon, but the Guernsey spirit has been gradually growing until to-day there are eighteen or twenty Guernsey breeders in the vicinity of Oregon City. Previous to this year, dairy meetings have been held in the county but two or three breeds were always represented. This year the Guernsey breeders of the county decided they would hold a meeting of their own and organize a Clackamus County Guernsey Breeders' Association. It was decided to hold the meeting in the large grove near the Guernsey farm of A. I. and J. Hughes, known as the Redwing Guernsey Farm.

The forenoon program consisted of the breeders getting acquainted in connection with Guernsey cattle, after which a bountiful dinner was served by the ladies present. After the dinner, Professor E. L. Westover of the Oregon Agricultural College gave a Guernsey judging demonstration and started the boys and girls in on the judging contest, after which John T. Whalley acted as chairman of the meeting for the rest of the day. Mr. R. G. Fowler, secretary of the Oregon Guernsey Cattle Club, was first to appear on the program. He gave a very interesting talk on "The Merits of the Guernsey." Mr. Octav Voget, a Guernsey breeder near Hubbard, Oregon, followed with a talk on "Why I Made the Guernsey Cow my Choice." Professor E. L. Westover of the Oregon Agricultural College next gave a talk on "Community Breeding." He made plain to the dairymen present the advantages of close cooperation among the breeders. In his talk he cited many instances throughout the United States where the breed has been established by the breeders of that particular locality organizing and working together. He emphasized the great opportunity which Clackamus County had by its nearness to Portland and Seattle of becoming the Guernsey center of the West. Judge Dimick of Oregon City next gave an excellent address on the resources of Clackamus County as a live stock center. Mrs. A. I. Hughes closed the program by giving a talk on "Pure Bred Stock as a Financial Proposition." She told her experience in raising and selling Guernseys for the last five years.

Bottom Row—1 Dr. A. L. Beatie. 2 E. L. Westover, (Oregon Agricultural College) 3 Mrs. A. I. Hughes, (Director) 4 J. A. Richie (President) 5 John R. Humphrey (Cashier Bank of Commerce, Oregon City)
Second Row—1 S. C. Young, 2 J. F. Richie, 3 John T. Whalley (Director), 4 H. F. Boeckman, (Director), 5 F. S. Hutchins (Director), 6 Mr. Blair.
Back Row—1 F. H. Stangel, 2 Octav Vogett, 3 D. Scheff.

A. I. & J. Hughes purchased their first registered Guernseys September 10, 1912, five years ago. These were Katonah's Sequel's Masher 21238, eight months old, and Red Wing of the Glen 33783 almost two years old. She dropped a nice heifer calf fifteen days later. Taking advantage of the name, Red Wing, they named both the herd and the farm Red Wing after their first pure bred Guernsey female, later naming each calf born on the farm, Red Wing as the first part of its name. In December 1913, they purchased three more heifers and in March 1914, the herd consisted of two bulls, two cows and a heifer calf, the first cow, Red Wing of the Glen 33783 being the only pure bred animal purchased. This purchase in three years consisted of ten head, three bulls and seven females at a purchase price of $2,350. From these original animals, ten head have been sold, seven bulls and six heifers for breeding purposes for a sale price of $3,300. Besides these, two females were sent to the butcher bringing $141.50, making a total of $3,441.50, or $1,091.50 from the original investment of nine cows and heifers left, six of these cows having Advanced Register records averaging 457 pounds of fat. The average age of cows at beginning of test was three and one-half years; the average of the nine head is now four years. These original ten head and their offspring were shown at the Oregon State Fair in 1913 to 1916 inclusive, winning eighteen firsts out of the possible twenty-seven, four champions and three grand champions. Katonah's Sequel's Masher 21238 won at this fair in 1913, 1914, 1915 and 1916, grand champion in 1915 and 1916. The present herd bull is May Rose Yeksa Starlight 33918, sired by May King of Linda Vista 17946 and out of Lime Girl 28076, with an Advanced Register record of 728.69 pounds of fat in class B. He was shown over the eastern circuit in 1916 with the Jean Du Luth Herd of Duluth, Minnesota, winning first at Waterloo, Iowa, and a number of other shows. A. I. & J. Hughes have sold out all their grade cows this fall and will keep an entire pure bred herd in the future.

After the meeting the Guernsey Cattle Club was organized, fifteen joining. The five directors were: John A. Richey, John T. Whalley, F. H. Boeckman, F. S. Hutchins, A. I. Hughes. J. A. Richey was chosen president, and A. I. Hughes secretary-treasurer. The awards were then made to the boys in the judging contest by Mr. Westover. Roy Smith won first, Kenneth Hughes second, and Walter Funk, third. About 200 dairymen attended the meeting.

SHOREWOOD FARM AND ITS GUERNSEYS

Promoting to a Marked Degree Type and Production

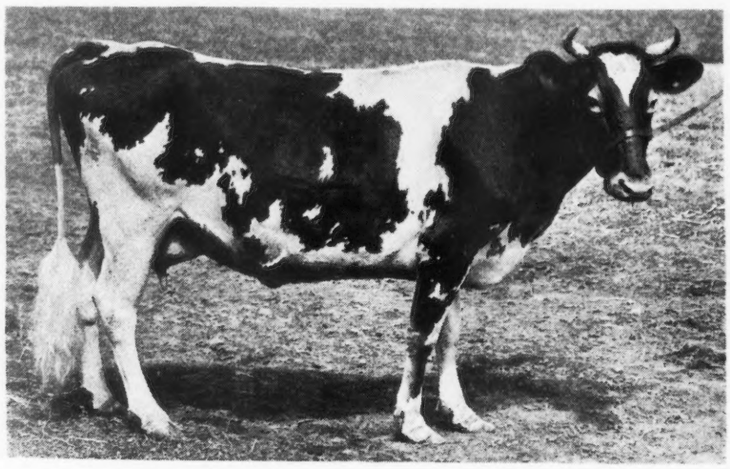
By L. V. WILSON

THE OWNER OF SHOREWOOD

A glance at the show ring winnings of this year, more than any year preceding, shows us that production, type, excellent conformation and symmetry are to be found in one and the same animal. Never before this year has such abundant and conclusive evidence been presented to us in such a way for us to realize that a cow need not diverge from our score card requirements to be a producer.

The common question prevailing among some farmers and breeders and many agricultural journalists is as we may plainly see from criticisms of the past and present: does type have any bearing on production? True it is that many of our highest producing cows of all breeds do not have all the points looked for by the practised eye of the judge in the show ring. But even though she may be a bit plain in the head or somewhat low in the back we usually find a good spring of rib, a large paunch and a well developed mammary system. Other individuals may show great dairy temperament, refinement and breed type throughout showing pleasing lines and all that, but still lack the capacity for production.

To wander a little from our present discussion let us allow ourselves in our imagination to be carried into the North Star State and there on the banks of Lake Minnetonka, eighteen miles from Minneapolis, let us visit Shorewood Farm, the home of Ladysmith's Cherub 30760 and the property of D. D. Tenney. Shorewood Farm, Ladysmith's Cherub 30760 and their worthy owner are in the game all for a purpose. Mr. Tenney is a strong supporter of type for consistent production. It is his aim to show us, if possible, by experimenting that as he states:

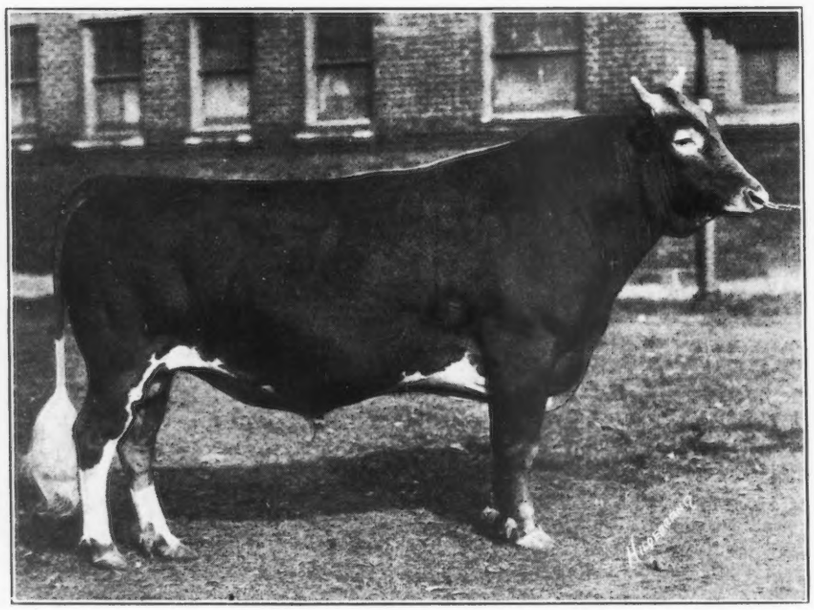


RHEA'S ULTRA MAY ROSE 42962 A. R. 4766

Record: 10551.4 lbs. of milk; 531.34 lbs. of fat. Class G.

Sire—Ne Plus Ultra 15265 Dam—Gibson Girl 123453

"Our fathers and grandfathers knew what they were doing when they selected a dairy cow. The only guide they had was their eye. In the expensive school of experience they learned to look for certain points in a dairy cow if they wanted production and wanted that production reproduced. They had no Babcock test to guide them. They were forced to depend on what experience had taught them through many years of breeding those things which were the essential points in the conformation of a profitable dairy cow. Our show ring score card is based on these very points." In making this experiment Mr. Tenney waived all obstacles in his desire for the animals, which in his mind would help him to prove that consistent reproduction of type and butter fat records must come only through the embodiment of vigor, constitution, breed and dairy type. To aid him in the undertaking he has purchased that proud individual, Ladysmith's Cherub 30760, as the head of his herd. Do we have any reason to doubt the correctness of Mr. Tenney's selection? This great bull, twice grand champion at the National Dairy Shows of 1916 and 1917

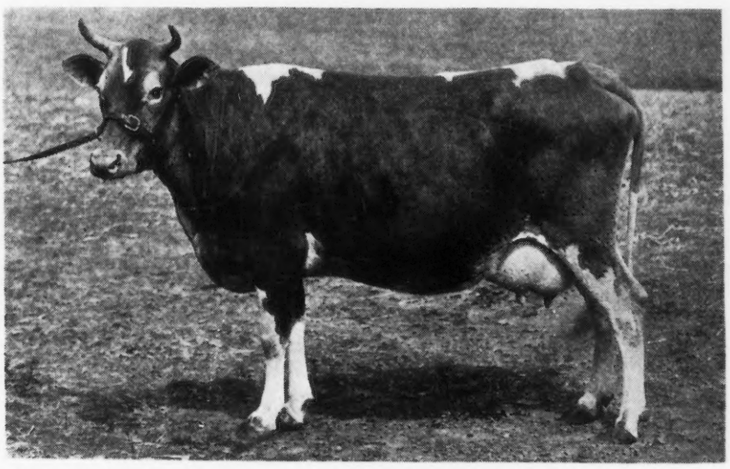


LADYSMITH'S CHERUB 20760

Sire—Imp. Hayes Cherub 2d 25147 Dam—Imp. Ladysmith of the Isle 28355

GRAND CHAMPION NATIONAL DAIRY SHOW, 1917

GET OF LADYSMITH'S CHERUB 30760, SECOND PRIZE NATIONAL DAIRY SHOW, 1917
Beaten only by the get of his sire Imp. Hayes Cherub 2d 25147



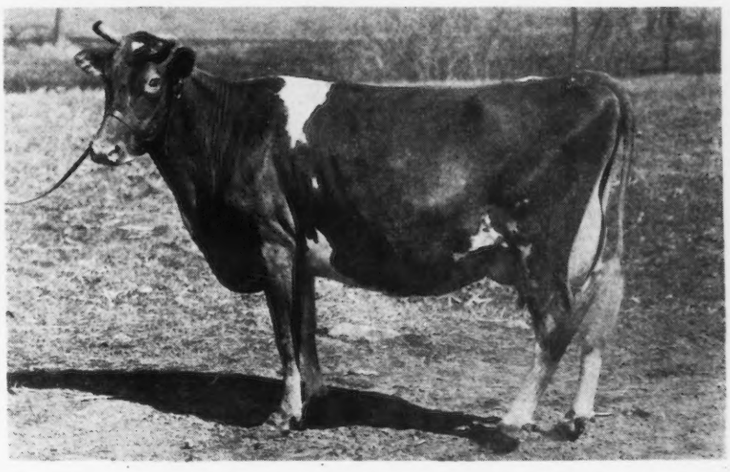
CORA OF GERAR 48309, A. R. 4705
Record: 11759.1 lbs. of milk; 570.07 lbs. of fat. Class G.
Sire—Rutila's May King of Linda Vista 17945 Dam—Cora Calvert 21000

respectively, defeating in the former year his sire, Imp. Hayes Cherub 2d 25147 and this year ranking above Imp. Itchen May King 25174 and Imp. Kenilworth Gold 40380.

To quote Mr. Tenney again: "In selecting the sire to do this work for me I searched for the most outstanding individual of the breed. I wanted vigor, constitution and butter fat production. Families and blood lines came third in consideration. I insisted upon vigor, because I believe that no matter of what perfect conformation a sire may be, if he lacks vigor, he will not successfully stamp himself upon his offspring." Standing alone as an embodiment of all these qualifications, Ladysmith's Cherub 30760—again comes to the front in production as measured through his maternal ancestry. His dam, Imp. Ladysmith of the Isle 28355, has a record of 510 pounds of butter fat at three years. His grandsire on the dam's side, Imp. Raymond of the Preel IV. 19235, sired fourteen Advanced Register cows and his great grandsire in the same line, Imp. Raymond of the Preel 11353, has the honor of begetting fifteen daughters in this class. Last but not least in the fourth generation we come to that grand old master, Imp. Masher's Sequel 11462 with better than sixty Advanced Register daughters. Governor of the Chene 1297 P. S., the grandsire of Ladysmith's granddam, needs no mention.

Championship type, acknowledged by the best authorities in the country for two years, and as yet undefeated at our National shows and yet carrying the blood of the above named ancestors with production, is the embodiment of merit in Ladysmith's Cherub 30760.

But we must have "better halves" for our experiment. In selecting the females for his foundation herd, Mr. Tenney demanded a combination of Advanced Register records, conformation, scale and family line. As we walk through the barn at Shorewood we find Imp. Althea of Sarnia 40208, Cora of Gerar 48309, Imp. Rosette of Marais Farm 67686, La Verne of Birchwood 54188, Pearl's Dot 57445, Pearl of Pomeroy 40325, and Rhea's Ultra May Rose 42962. Five of these great matrons will undoubtedly rank among the leaders in the double letter classes. Cora of Gerar 48309, tracing through Imp. May Rose King 8336 to Itchen Jewel 1112 E. G. H. B. on the sire's side, shows a record of 570 pounds of butter fat, starting her record as a two year old. Quality, constitution, capacity and a beautifully well-balanced udder go together in this wonderful cow. She was second in the four year old class at the Waterloo Dairy Cattle Congress and fourth at the National



IMP. ALTHEA OF SARNIA 40208 A. R. 3261
Record: 8365.5 lbs. of milk; 442.33 lbs. of fat. Class D.
Sire—Prince Rupert 62 P. S. Dam—Polly II. 341 F. S.

Dairy Show. Imp. Rosette of Marais Farm 67686, a great granddaughter of Governor of the Chene 1297 P. S., wonderful in her type about the head, refinement, dairy temperament, straight of top line and her long level rump, has to her credit an Island record of 412.22 pounds of butter fat at four years. Imp. Althea of Sarnia 40208, a daughter of Prince Rupert 2096 has 442.33 pounds of butter fat as a three year old. As evidence of her superior conformation, she was first prize aged cow at Waterloo and sixth at Columbus. Although she does not show quite the scale of the above mentioned animal, she is remarkable in her symmetry and balance, spring of rib, dairy temperament and development of the mammary system. Pearl of Pomeroy 40325, a daughter of Langwater Royal 14253, besides being third at Waterloo in the aged cow class and helping out Pearl's Dot 57445 to win second in the produce of dam at the National Dairy Show, holds 618.65 pounds of butter fat to her credit as a three year old. Pearl's Dot 57445, a full sister to Pearl of Pomeroy 40325, was senior and grand champion female at Minnesota State Fair, fourth in the two year old class at Waterloo and third at Columbus. Ma Chere Procris 55855 was third in the same class at Waterloo and fifth at the National. La Verne of Birchwood 54188, tracing to Glenwood Boy of Haddon 4605 as her grandsire on the sire's side, is a big strong three year old and bids fair to enter class FF. Rhea's Ultra May Rose 42962 sired by the great Ne Plus Ultra 15265, with a record of 540 pounds of fat as a two year old, is a fine example of the "typey" producers found at Shorewood. Imp. Dairymaid of the Duvaux 67689, sired by Imp. Princess's Jewel 24877, is a wonderful cow of both dairy temperament and lines and is a great reproducer of her ancestor's merits.

But the fact that this herd so far has shown us its great sire and these wonderful individuals as regards both type and production is not all. We find the younger generation already coming on. The get of Ladysmith's Cherub 30760 was beaten only by those of his own sire, Imp. Hayes Cherub 2d 25174, at the recent National Dairy Show. The senior heifer calf, Lady La Verne of Shorewood 74736 was junior champion female at the Minnesota State Fair. Pearl's Golden Secret Girl 74737, a daughter of Langwater Golden Secret 26510, and out of Pearl of Pomeroy 40325, was first in the junior calf class. These heifers were sixth and fourth respectively in their class at Columbus.

It may be of interest to know that these cows have labored under a severe handicap since their purchase following the 1916 National Dairy Show. Most of them being assembled at Harrisburg, Pennsylvania, were shipped to St. Paul during very cold weather in a car which developed trouble with its heating system. The cows were all on test at the time. The process of building barns has been going on around them continuously since last April, as Mr. Tenney suffered the loss of his barn by fire in October after it had been remodeled. This necessitated putting the cows in temporary sheds and the building is still going on. With these handicaps it surely must be conceded that their performances have been remarkable.

It may be left entirely to the reader to think for himself what the possibilities are to be, barring accidents, with such a foundation as this. Here is a little herd of less than a dozen matrons, every one of them an example of type and production. In the great sire we have type, production and breeding, and as we are discovering very plainly prepotency. It has been stated by leading Guernsey breeders that, from the standpoint of uniform excellency, this herd cannot be equalled. Mr. Tenney's experiment, although costly in time and money, should be a great benefit to the Guernsey breeders and dairy world in general. His theory that there is a correlation of type to production will undoubtedly be seen afflrmatively in the future.

PENNSYLVANIA STATE RECORD FOR 1917

Clover of Pencoyd 2d 35083 Makes 821.63 Pounds of Fat

On Decenber 6, 1917, Clover of Pencoyd 2d 35083 completed her year's work with a credit of 16127.1 pounds of milk and 821.63 pounds of fat, making her the champion cow of her state for the year, and the second highest cow in Pennsylvania, her leader being May Rilma 22761 A. R. 1726, former world's champion cow, with 1073 pounds of fat.

Clover of Pencoyd 2d 35083 is not what you would call a very heavy milker, her best day being fifty-three pounds but she is a most persistent worker and in her last two months averaged better than forty pounds daily. She impresses one, however, as a cow of great producing ability, is well above the average cow in size, has great length and depth, a fine spring of rib and a good heart girth, is wide over the hips and has a good length from hip to pin bones. She was never off her feed a day, and the record she has completed is a true indication of her ability at this time. She has developed wonderfully in the past year and is to-day a better cow in all respects than when she started her test. She is sired by Glenwood's Main Stay 16th 9384, whose seven Advanced Register daughters average 612 pounds of fat each, all bred and tested by T. W. & I. W. Roberts of Bala, Pennsylvania.

Clover of Pencoyd 2d 35083 is one of two daughters of Clover of Pencoyd 20578. The other one, Clover of Pencoyd 3d 48274, made in class G, 10178 pounds of milk and 572 pounds of fat. She is now in retest in class D and for her first eight months has averaged better than seventy-two pounds of fat a month. Barring accidents, she should take a place among the ten leading cows of her class. Clover of Pencoyd 2d 35083 was bred June 4, 1917, to Apollo of Rich Neck 27937. A son of hers was recently sold to McSloy Bros. of St. Catherines, Ontario, Canada, to head the Martendale herd of Guernseys being founded by them.

The details of her production follow:

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Dec. 7, 1916	1137.9	4.66	53.03
Jan., "	1485.5	4.66	69.22
Feb., "	1296.8	5.00	64.84
Mar., "	1388.0	5.24	72.73
Apr., "	1402.9	4.99	70.00
May. "	1523.4	5.01	76.32
June, "	1500.2	5.01	75.16
July, "	1359.1	4.78	64.96
Aug., "	1120.7	5.32	59.62
Sept., "	1185.2	5.26	62.34
Oct., "	1272.6	5.55	70.63
Nov., "	1217.7	5.69	69.29
Dec. 6, "	237.1	5.69	13.49
Total	16127.1	5.09 Av.	821.63

PRINCESS ROYAL OF LOCUST LANE 61544 LILLIAN OF LOCUST LANE 72527 ROSE OF GERAR 53666

BALTIMORE COUNTY BREEDERS MEET

THE fifth semi-annual meeting of the Baltimore County Guernsey Breeders' Association was called on December 15 at Gerar, the home of the secretary, L. McL. Merryman of Cockeysville, Maryland. In spite of the fact that there had been a very deep snow and the weather was quite cold there was a surprisingly good attendance. About twenty members of the Association were present besides the members of the Junior Gunpowder Club, making a total attendance of about forty.

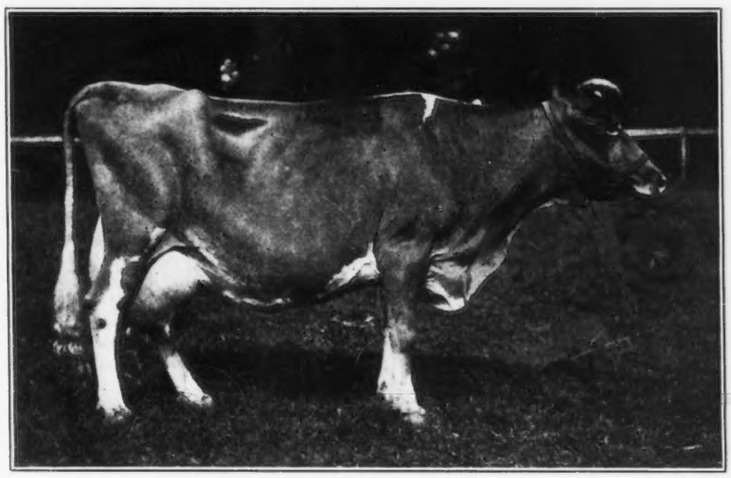
After a general inspection of the buildings and cattle, the senior sire, Uncle Jim 16740 was led out with sixteen of his daughters, all on the place at present. His first four daughters averaged 506 pounds of fat and two more on test will maintain this average. Only one daughter was over two and a half years old when tested and she made 537 pounds of fat as a four year old. Of the four Advanced Register daughters only two have dams with records which average ninety-five pounds less than the average records of their daughters.

The Mary Jane of Gerar 17013 family was next shown. There are eleven females of this family on the place including the old cow now fourteen years old. She has three records, 494 pounds of fat in class AA, 694 pounds of fat in class A and 697 pounds of fat in class A, made with her eighth, ninth and tenth calves and she has dropped twelve living calves. Four females of this family were sold from the farm last winter for $8000 and Mr. M. T. Phillips sold three daughters of her daughter, Gerar Pearl 23595, for $5000. Since then two of these daughters were second as produce of dam at the National Dairy Show, and the other, Royal's Pearl 45209, is making the unusual record in class D of 10000 pounds of milk and practically 500 pounds of fat, the first six months and still doing very well.

The Clare of Poplar Grove 3d 16343 family were next shown, nine females and two bulls, progeny of the old cow. She made 13170 pounds of milk and 568 pounds of fat in class AA with her ninth and tenth calves and has dropped twelve calves before she is fifteen. In addition she was third at Trenton, grand champion at Richmond, and fifth at the Dairy Show this fall at fifteen years of age.

Her daughter, Clare of Gerar 49122, made 510 pounds of fat in class G and has now made about 12000 pounds of milk and 500 pounds of fat in nine months and is bred to qualify in class DD. She will finish her test in February having calved January 22, 1917, and is due to calve March 3, 1918 and is now milking thirty-three to thirty-four pounds a day.

A group of ten females purchased from Miss J. E. Shaffer were then shown, eight of them being by her bull, Langwater Royal 2d 18319. An interesting part of this was Hepsy of Locust Lane 72526, Hepsy of Locust Lane 2d and Gerar Triple Royal, all being by Langwater Royal 2d 18319, and being mother, daughter and grandson. The last, a two day old calf, carries 87½ per cent. of the blood of his sire and apparently a strong and vigorous calf in every way.



CLARE OF POPLAR GROVE 3d 16343, A. R. 3922
Record: 13170.70 lbs. milk; 568.81 lbs. butter fat
Sire—Strong Anchor 5849 Dam—Clare of Poplar Grove 12122
Owned by Louis McL. Merryman, Cockeysville, Maryland

A few single individuals were then led out. Rutila's Patient King 32114, the junior sire and a few of his get, King of the May Princess 56937, a daughter of Irene's King of the May 18816, which is making quite a large record in class G.

Goldseeker's Jehanna of Anna Dean Farm 57934 a daughter of the ranking cow in class E. This heifer is one of six heifers that will freshen before February ninth, whose dams' first calf records average 581 pounds of fat. They are all being put in shape for records and it is hoped they will make an average somewhere near the high example set them.

Pride of Birth 18443 was also led out. This cow has a record of 641 pounds of fat and is the dam of five Advanced Register daughters all with records of over 500 pounds of fat. Her son by Langwater Warrior 26509 was recently sold to Falcon's Flight Farm, Litchfield, Connecticut, and she is now safe in calf to Uncle Jim 16740.

After the inspection the members returned to the house

CLARE OF POPLAR GROVE 3d 16343 HEPSEY OF LOCUST LANE 72526 MISS BELLE OF LOCUST LANE 73420

where a business meeting was held, followed by a supper.

President Robertson called the meeting to order at 5.30 p. m. After a word of greeting he spoke briefly of the general dairy situation. At the present high cost of labor and feed it is impossible to make a sufficient profit. But he feels confident of the future of the dairy business, the current high prices of Guernsey grades being indicative of the general optimism of the dairy world in spite of the present conditions.

The future farm labor will come from the city workers that are now working in munition factories but were originally farm laborers.

The treasurer reported no receipts and no disbursements.

A letter from the CATTLE CLUB relative to subscriptions to the JOURNAL was read and about twenty-five subscriptions were immediately paid in.

The election of officers resulted as follows: President, James B. Robertson, Eccleston, Maryland; vice president, G. H. Hibberd, Brooklandville, Maryland; secretary, L. McL. Merryman, Cockeysville, Maryland; treasurer, Harry Lord, Cockeysville, Maryland; member executive committee, Frank Hoen, Corbett, Maryland.

—LOUIS McL. MERRYMAN, Sec'y.

Shall Guernsey Cattle be Judged by Guernsey Breeders or College Professors

By A. A. COLLEY

IN view of the fact that we have recently returned from the show circuit with thirty-nine, out of a possible forty ribbons, it may seem like a most inopportune time to introduce a subject that will in any way reflect on the judgment of college professors. This is a question however, which I believe demands the attention of every breeder who has, or who intends to exhibit cattle in the future. A question which will ultimately make a great impression on the Guernsey breed.

New men are exhibiting each year, men who are out to learn from show ring the true type and general characteristics upon which they should build the foundation of their herds. If their animals are brought under the judgment of one who through years of experience with this specific breed is qualified to show the owner where his cattle are, or are not right, the result is of much value, and will therefore be conducive to the breeding of animals which will not only be a source of pleasure and profit to the owner, but will also add materially to the number which have already reached the standard of perfection.

This result will never be attained, however, if as I have seen many times, the several prize winners represent as many different types. As a college graduate I will yield to no man in my respect and admiration of the men who have perpetuated the purpose for which our agricultural colleges were intended, and who today are contributing so liberally to the development of the dairy industry, but I am positively sincere in my conviction that there is not a man living who can intelligently judge the four leading dairy breeds, the beef breeds together with sheep, swine and poultry. In my conversation with many of the well known breeders I am confident that they are of the same opinion.

While a student I was taught that agricultural colleges did not aim to specialize in any particular breed, believing they could cover a larger area of usefulness and instruction by maintaining animals of several breeds. This principle I think is adhered to by the majority of colleges at the present time. In some instances these animals represent the ideal type of their respective breeds, but more often they do not. They cannot therefore be conducive to establishing in the mind of the professor in charge, an ideal standard and type, based on a thorough knowledge of the breed requirements.

If the men who have devoted their entire time and energy to the development of the Guernsey cow, and who, through their loyalty and untiring devotion, have succeeded in pushing her into the front rank of the dairy world, are not capable of judging the breed, is it fair for us to expect a college professor, whose time is necessarily divided among several breeds, to judge Guernseys with the greatest degree of efficiency? Is it strange under these conditions that the absence of a fixed standard and type is so apparent?

No judge in the world, however competent, can satisfy the interests of every breeder. He should be a man, however, in whom breeders have sufficient confidence to actuate the exhibiting of their herds. I know of several herds that were not shown on the Eastern circuit this season because the judging was done by college professors and the tendency toward dissatisfaction after the judging is over, will never be eliminated, or even decreased, as long as this system is in effect.

It is true that men who take defeat bitterly, in some in-instances are not capable of judging their own cattle, but this number is very small indeed compared with the men who are capable, and who are always ready to accept defeat by a superior animal gracefully. It is only when defeated by animals decidedly inferior that their interest in the show ring assumes a different aspect.

I believe the greatest inducement that can be offered Guernsey breeders in the future is the positive assurance that their entries will be judged by men who have learned from experience the fundamental principles which constitute an ideal Guernsey show animal.

FEEDING GUERNSEYS IN 1918

Production of Roughage Important

By PROFESSOR E. S. SAVAGE

THE older one grows and the longer one studies the make-up of the dairy cow and her feeding the more one is convinced that the two principal fundamental factors underlying the economical production of milk are maternity and capacity. The dairyman in this time of stress must look to two things before he begins to study the details of feeding his cows, their rations, and things like that. He must see that the price that he is getting for his milk is commensurate with the cost of production. At this writing there is no definite word from the New York and Chicago commissions of the United States Food Administration, but what little there is to go on seems to show that these commissions are made up of fair minded men and that the price of milk to the producer will be a just one. If it is not, the only course is to show by farmer public opinion backed by the facts that the dairy business cannot be carried along on patriotism alone, although there is no citizen a stronger patriot than the American farmer. However, he cannot allow himself to be discriminated against when our government is allowing most other businesses cost of production plus a reasonable profit.

When he is sure that his returns bid fair to enable him to continue his business the farmer must next satisfy himself that each of his cows is an efficient machine. Every dairyman knows whether he has fed his cows reasonably well or not and if he has he must also know if they have produced as they should. No cow should be kept in these times that will not produce with reasonable feeding 7000 pounds of milk testing 4 per cent. butter fat or its equivalent in one year.

This amount spells capacity. If on reasonable feeding a mature cow will not do this then she had better go. The farmer himself can find out the production of each individual cow or he can find it out by organizing in his community a dairy improvement or cow testing association. If he will do this he will be doing something for his community as well as for himself. There are many, including pure bred breeders, who do not know as much about their individual cows as they should.

Starting then with a reasonable price of milk and a herd with individuals with good capacity, attention can then be turned towards the details of feeding. Then the factor of maternity comes into play and the one who will recognize this fact and use it will improve his herd wonderfully. A cow produces milk because she is a mother first, last and all the time; she produces more than her young can consume because man has selected towards an improvement of this function.

The time to do a great deal in stressing this function of milk production through the factor of maternity is before the cow drops her calf. Many make the mistake of not feeding the cow profitably and sufficiently at this time. This point has been discussed before and the details of grain mixtures will not be gone over again but the feeding heavily before parturition is mentioned again because it is so important that it cannot be mentioned too many times, and second because it is through this feeding before parturition that the most can be made of the stimulation that comes through the birth of the calf. The cow fed well before the calf is born has a reserve store to draw on during the first weeks of lactation. After this through proper feeding the impulse to produce well will continue if the cow has the capacity to utilize large amounts of food.

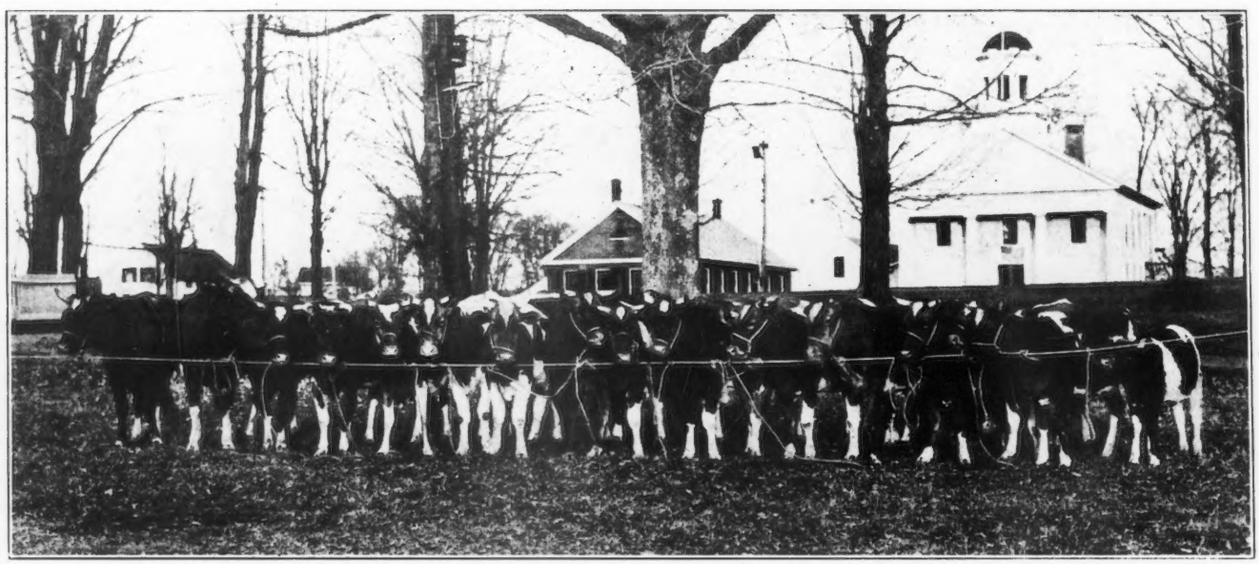
This brings us really to the subject of this paper, "Feeding in 1918." This year of all years must each farmer look to the production of proper roughage. Too often is this factor neglected and it is doubly important in the light of what has just been said, because in so many cases the feeding of much grain before the calf is dropped is not practiced. Therefore at this time as well as when one is trying to get a maximum production of milk is the character of the roughage very important. Have it the best there is. One must try hard to produce plenty for his own use and to improve its quality by proper varieties and by harvesting at the proper time. To show the importance of these facts in a money way the following comparison is made.

At the present time a good mixture of concentrates will cost a farmer at retail delivered at his barn $60.00 per ton. These concentrates are bought for the digestible material in them. At $60.00 per ton one hundred pounds of total digestible material will cost about $4.18. In good alfalfa hay at $30.00 per ton at the barn one hundred pounds of total digestible material would cost $2.90. In red clover hay at $30.00 the cost would be $2.92; in corn silage at $10.00 per ton, $2.82; in cow-pea hay at $20.00, $2.04—and in oat and pea hay at $20.00 per ton, 100 pounds of total digestible material would cost $2.04. This shows that at present prices for grain how cheap roughage is. Therefore it is seen that in feeding plans for 1918 the first all important thing is roughage.

It is not likely in 1918 that grain for feeding will be any cheaper than it is now. Labor will certainly be higher. Therefore to produce all the milk possible and to make the best possible use of the concentrates that we do feed it is absolutely necessary to look to the production of the largest amount of the best possible silage and hay that one can produce.

A study of the feeding practice of those breeders who make large Advanced Register records shows that the grain mixtures are bulky and that the cows utilize larger quantities of roughage in their rations. The ordinary relation seems to be about one pound of hay to three pounds of silage and other succulent food to one pound of concentrates. This relation seems to hold pretty generally among the three classes of food dry roughage, succulent roughage, and concentrates. Therefore in his 1918 plans the feeder should plant and plan accordingly.

In conclusion, build on the fact of maternity by feeding well while the cow is dry, study each cow from the standpoint of capacity, to utilize large quantities of roughage and concentrates and thus manufacture a large quantity of milk. Plan the production and purchase of food for 1918 so that for the cows in milk there will be three pounds of silage to every pound of hay needed and that there will be an abundancy of hay and silage of the finest quality for all cows, young stock and dry stock. The comparison of prices above shows what may happen if grain is as high or higher in 1918 as in 1917. The production and harvesting of roughage can also be carried on with perhaps somewhat less skilled labor than can money crops to be sold as such.



DAUGHTERS OF ADVANCED REGISTER BULLS THAT WERE SHIPPED FROM MASSACHUSETTS TO OREGON

Clackamus County Goes Into Guernseys

By JOHN T. WHALLEY and MRS. A. I. HUGHES

IT may be of interest to some of your readers to learn of a recent venture into Guernseydom of a few farmers in Clackamas County, Oregon. Clackamas county is one of the largest counties in the Willamette Valley and lies immediately south of Multnomah county in which our chief city, Portland, is situated. Clackamas county extends some sixty miles east and west and reaches from the Willamette river to the summit of the Cascade mountains. It has within its boundaries our famous Mount Hood, one of the scenic wonders of the West and is probably the roughest and best watered county of the state. Three of our principal rivers rise in its mountains and force their way through tortuous channels and deep gorges to the sea. The proximity of Portland and the demands of a growing manufacturing city at our door has stimulated diversified farming in the county, and dairying has always had a leading place.

During the past twenty-five years several of the public spirited men of Oregon have devoted time and money to develop the dairy industry in the Willamette Valley but their efforts have been mainly with the Jersey breed and to such good purpose that I think it may be safely said that Oregon ranks as one of the leading Jersey centers. Within the past five years, however, there has sprung up a desire and a corresponding effort to make our state known as a Guernsey center also and we now have in various parts of the Valley several creditable and growing herds of Guernseys.

Mr. and Mrs. John Hughes of Oregon City are undoubtedly our most enthusiastic and successful Guernsey breeders in Clackamas county and Mrs. Hughes is the secretary of the Clackamas County Guernsey Club, a child of her indomitable energy and perseverance. During the past summer the Hughes' sent out a call for a Guernsey Pic-Nic with the avowed purpose of interesting more farmers in the breed and with such good results that fourteen farmers were induced to sign up to take enongh Guernseys to justify shipping in a car load of pure bred heifers of the best blood their pockets and credit at the bank would buy. The Bank of Commerce of Oregon City came loyally to the front and agreed to back the proposition to the limit.

Given these conditions the serious problem of getting a competent person to go East and make the selections had to be faced. The responsible heads of the Oregon Agricultural College were enlisted in the enterprise and finally they placed at out service Professor E. L. Westover of the Dairy Extension Department of the College with the condition attached, however, that some member of the Club should accompany him. This choice fell upon me. It was no easy job we had assumed; our people were all hard working people who had acquired all they had by the hardest kind of work, and to get blue-blooded stock at prices within their reach seemed like reaching for the moon.

Faint heart, however, never won fair lady so on the nineteenth of October Professor Westover and myself left Portland for the National Dairy Show at Columbus where we thought we should be likely to meet breeders from many parts of the East. Here we had the good fortune to meet Ralph Tratt of Whitewater, Wisconsin, J. S. Clark of the Mixter Farm, Hardwick, Massachusetts, and many other breeders of high producing stock. When we made known our mission and that we were after foundation stock to boost the breed in our western country they met us more than half way and parted with some of their high producing stock and of the best blood in their herds at prices we could afford to pay.

We were especially fortunate in getting such rugged, growthy animals as the Mixter Farm produces with blood lines that can not be excelled and in large part we were able to get animals of the same blood lines in Wisconsin. We expect this shipment to be the forerunner of many more from the same herd. The cattle met with the approval of our people and it is their purpose to place the cows on test when they freshen so that the work of the herds that spared us

many of their young stock may not suffer in their Advanced Register work.

The trip west was made without trouble. We left Hardwick, Massachusetts, Monday evening, November 12, reached Waukesha, Wisconsin, Wednesday evening at 9.30, where we unloaded and rested the cattle for two days and started on again on Saturday afternoon with a full car arriving in Oregon City on Tuesday afternoon with the cattle all in good shape. We had the efficient service of the American Express Company which furnished us a seventy foot steel palace car fully equipped with electric light and water tanks which held water enough for a four days' supply.

—JOHN T. WHALLEY

The Clackamus County Guernsey Cattle Club was organized August 18, 1917, with seventeen members. At that time they called a meeting for September 3, to discuss the advisability of sending to the Guernsey centers of the East to purchase a carload of pure bred Guernsey cows and heifers. There had been many demands for Guernseys but outside of getting one or two head in a place now and then, buyers were not able to purchase in any number outside of the East.

The Club thought it would be good business to make Clackamus County at least a local center for Guernseys. The county had already some reputation as a Guernsey locality, through showing at the local and state fairs, and official testing done by the breeders and at one time every Guernsey cow and heifer in milk in the county was put on official test, all qualifying for the Advanced Register, and as it now stands they stand at the head of five classes out of seven for the state, with records as follows: class A, 664.79 pounds of fat; class C, 607.03 pounds of fat; class E, 424 pounds of fat; class F, 377.92 pounds of fat; and class G, 448 pounds of fat.

In 1910 the first pair of Guernseys was brought to the county by F. S. Hutchins. At the time the Club was organized there were forty-five cows and heifers and twenty-five bulls. The bulls heading twenty-one herds both pure bred and grade.

The rapid advance in the breed and the interest displayed from the outside, caused the breeders to think that it would be well to add more females to their herds, and to build up a Guernsey center in a small way. Accordingly the meeting was called for September 3, at Oregon City, to consider ways and means and to find out how many were willing to stand behind this buying proposition.

The Bank of Commerce, a bank representing local business capital, offered to finance the deal at a low rate of interest and three years time. Under these arrangements fourteen members agreed to take cattle.

Professor E. L. Westover of the Oregon Agricultural College was made the unanimous choice of the meeting to go East and make this selection with instructions to buy stock that would be worth while for foundation purposes. Later the College asked us to send one of the Club with Professor Westover to look after the finances and assist him in the buying.

With one opinion John T. Whalley, president of the Oregon Guernsey Cattle Club, and director in our county club was made the choice to go East with Professor Westover.

They went directly to the National Dairy Show, where they met many breeders, and really lined up their whole buying proposition.

Fifteen head of bred heifers were purchased from the Mixter Farm, Hardwick, Massachusetts; eight head of bred heifers from Ralph Tratt, Whitewater, Wisconsin.

At the Waukesha sale they purchased four yearling heifers, two from Wm. M. Jones, one from George W. Browne and one from John H. Williams. These heifers are backed by Advanced Register records and represent some of the best breeding of Waukesha.

The fifteen head from Mixter Farm were from two to four years old, and are sired by and bred to the following herd sires: Langwater Demonstrator 16451, whose first five tested dams averaged 14260 pounds of milk and 712 pounds of fat; Yoeman's King of the May 17053, whose first three dams average 14300 pounds of milk and 725 pounds of fat.

The dam of Yeoman's King of the May 17053 is Florham Daisy 18115, with an Advanced Register record of 14876.6 pounds of milk and 747 pounds of fat. Florham Daisy 18115 is a full sister to Imp. King of the May 9001, which has twenty-four Advanced Register daughters averaging 603 pounds of fat.

Mixter Demonstrator 16451, whose first six tested dams average 13870 pounds of milk and 707 pounds of fat. His dam has an official record of 16128 pounds of milk and 860 pounds of fat. Dean of the May 21815 whose first seven dams average 12982.15 pounds of milk and 606.42 pounds of fat.

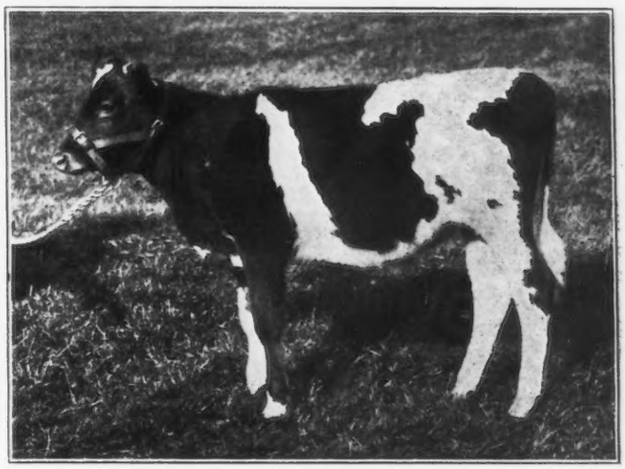
Two of these heifers are sired by Equality of the Glen 13688, whose sire, Jewel's Independence 10324, has seven Advanced Register daughters averaging 500.8 pounds of fat with their first and second calves. The dam of Equality of the Glen 13688 is Edith of the Glen 21202, a full sister to Missy of the Glen 18390. Edith of the Glen 21202 is the dam of Red Wing of the Glen 33783 with an Advanced Register record of 607 pounds of fat as a junior four year old, and May Fly of the Glen 42807 with an Advanced Register record of 594.38 pounds of fat at three years, and carrying a calf 233 days.

These heifers were all large growthy animals, with good udders and lots of constitution, and Clackamus County was fortunate to obtain such breeding for their foundation stock.

Another fine lot of heifers, eight in all, was purchased of Ralph Tratt, of Whitewater, Wisconsin.

These heifers are all two year olds and are sired by Langwater Hambro 21011, whose dam, Langwater Hayes Rosie 24200, has an Advanced Register record of 645 pounds of fat. They are bred to Bob Rilma's Monogram 29095, whose dam and granddam have an average fat record of 887.5 pounds of fat.

(Continued on Page 46)



MIXTER WESTERNER

Sire—Langwater Demonstrator 16451

Dam—Thirty Thousand One Hundred Seventeen 30117

Sold by Mixter Farms of Hardwick, Massachusetts, to the Clackamus County, Oregon, Guernsey Breeders' Association.

SUNNY SLOPE GUERNSEY FARMSTEAD, MENOMONIE FALLS, WISCONSIN

SUNNY SLOPE GUERNSEY FARM

Connell Brothers Are Successful Showmen

By W. A. FREEHOFF

THERE are not as many Guernsey herds in the Northeastern part of Waukesha county as there are in the central part, but the herd being built up by C. J. and W. A. Connell of Menomonee Falls, is rapidly growing to be one of the leading ones in the country.

C. J. and W. A. Connell are brothers and have been in partnership on an equal basis for six years. At first they were on their father's farm, but just this year they have purchased a fine 200-acre farm near the old homestead, located about one-half a mile from the railway station at Colgate.

Like so many other new breeders, the Connell boys are breaking into the "big league" via the show ring medium. They showed at the Wisconsin state fair in 1914, 1915 and 1916, and were quite successful. Their bull, Cora's Sequel 25168, won first as a yearling in 1914 and was made grand champion a year later. Other individuals of the herd won many splendid ribbons also.

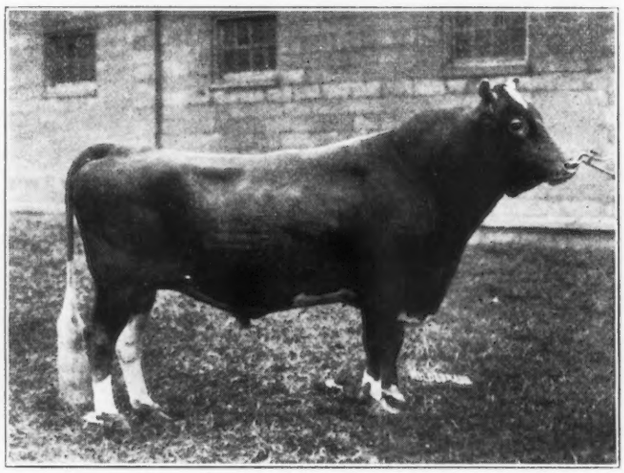
At present their herd numbers about forty head, fully half of which are registered. It is the intention of Connell Brothers to continue showing a year or two longer and then gradually enter upon Advanced Register work as soon as conditions warrant.

Their first bull was Cora's Sequel 25168. He was bought in the spring of 1914. His dam made an Advanced Register record of 412.93 pounds of fat as a three year old, and his first daughter was junior champion at the 1915 Wisconsin state fair. He himself was grand champion, as already noted.

The second bull they bought is their present herd sire, Kedge Anchor of the Glen 13043. They secured him early in 1917. He has two tested daughters. One, Polly's Beauty 35078, made a record of 12160.3 pounds of milk and 568.31 pounds of butter fat in class F. and on retest in class C produced 16629.8 pounds of milk and 774.40 pounds of butter fat. His dam, Phillipina of the Glen 12778, has a record of 14916. 5 pounds of milk and 702. 05 pounds of butter fat. He was grand champion bull at the 1912 Wisconsin state fair.

They bought their females at different places, being partial to Sequel blood lines. The first females were secured from Schmidt Brothers of Appleton, Wisconsin, consisting of two head, an aged cow and a heifer. The second lot was bought in Waukesha county, from William M. Jones, consisting of one cow and four heifers. Three more females were bought at the last spring consignment sale held by the Waukesha county association. These ten head with the increase constitute the sum total of their pure bred herd.

Connell Brothers are personally among the most popular members of the Waukesha county association. With their square, clean cut business methods and the splendid beginning they have made, a most promising future in the breeding business awaits them.



KEDGE ANCHOR OF THE GLEN 13043

Sire—Jewel's Independence 10324 A. R.

Dam—Phillipina of the Glen 12278

HERD BULL AT SUNNY SLOPE FARM

Something About the Guernsey Breeders' Association at Grove City, Pa.

By HUGH FERGUS

WHAT promises to be a very active breeders' association is located around Grove City, Pennsylvania. When the much written-of Government Creamery was located at Grove City, Guernseys in this section were about as scarce as water in the Sahara desert. In fact, some of the farmers who had until this time fattened steers did not know there was such a breed and did not care much if they did not know it.

However, some of the farmers who kept a few cows, made butter at home and sold or nearly gave it away in the local market, knew of the breed, and hoped that if ever a market for their product came they would increase their herds and get into the Guernsey business.

Well, such a market came about two years ago in the establishment of the Government Creamery, and these men set out to realize their ambitions. It was such a crowd as this that met with hearts full of enthusiasm, last March, in the Commercial Club rooms in Grove City, and organized the Grove City Guernsey Breeders' Association.

When the association organized, of the eighteen who were charter members, only ten had any pure breds and most of these were in the form of a bull to breed to their grade and scrub cows. However, now, nine months later, all either own a bull outright, or jointly with a neighbor and there are over thirty-five females owned by members of the association. Besides these there are twelve heifers owned by future members of the association, viz.: members of the Boys and Girls Calf Club.

Among the bulls being purchased are some of the best blood lines of the breed. One member owning a son of Anton's May King the bull recently leased for a year for $1500, and out of a 500-pound cow. Another has a son of Imp. Galaxy's Sequel 16904 and still another a son of Imp. Billy's France 12476, so an idea of the future of the breed in this section can be had. In order to be building up their grades at the same time the pure breds are increasing about half the members of the association belong to a cow testing association.

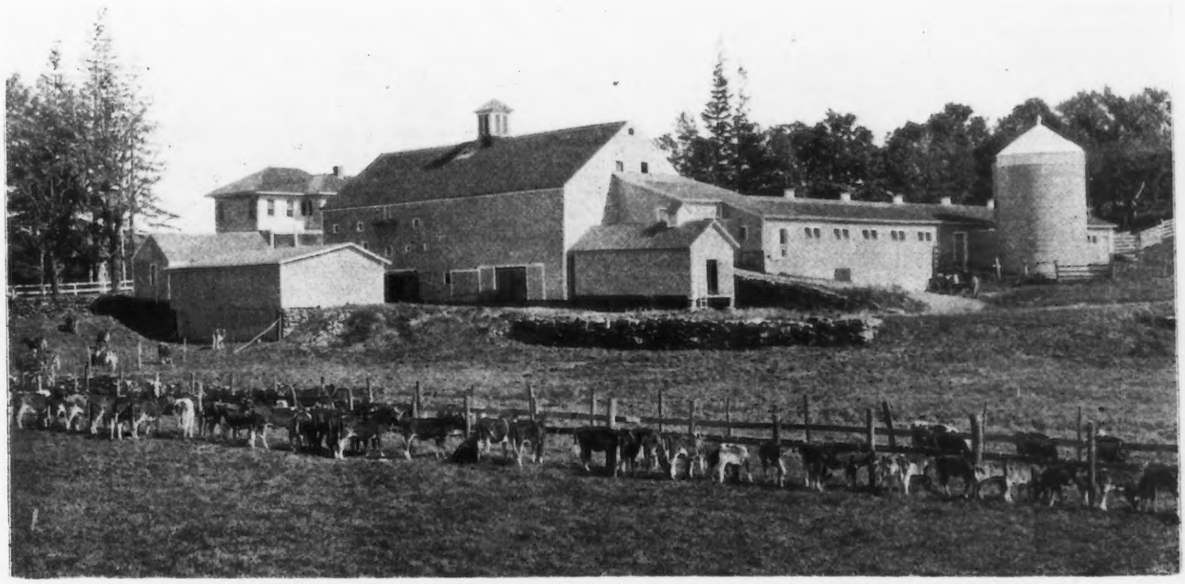
When the association organized it was decided to use up one-half the one dollar membership dues in the purchase of breed stationery with the name and address of each member printed along the edge of the sheet. For local advertising a neat card twelve by fourteen inches with the words MEMBER OF GROVE CITY GUERNSEY BREEDERS' ASSOCIATION printed on it. These are tacked on the barn or some conspicuous place.

On Labor Day a crowd of forty-five made up of members and their families gathered in an oak grove on the farm of one of the members and had a basket picnic. After dinner addresses were made by M. T. Phillips of Pomeroy, Pennsylvania, a prominent Guernsey breeder who represented THE AMERICAN GUERNSEY CATTLE CLUB; County Agent Fred Lininger, and one or two others who gave much encouragement and timely information to guide the members in their uture breeding operations.

A later move by the association was in the sending of an exhibit of fourteen head to the Stoneboro Fair. This was the first time in the fifty years of its existence that this fair has had an exhibit of Guernseys.

Another point soon to be taken up by the members is to fix a certain charge for outside service for their bulls and it is quite probable that a bull association will be formed.

All these points are given in order that they might be an inspiration to other sections where there are only a few Guernsey breeders to show what may be accomplished in such a short time by the formation of a breeders' association.



THE FORMER MASSACHUSETTS HOME OF THE RECENT OREGON SHIPMENT

Clackamus County Goes Into Guernseys

(Continued from Page 43)

Mr. Tratt has a number of daughters of Langwater Hambro 21011 on test that he expects will make 450 to 700 pounds of fat as two and three year olds.

These were an exceptionally nice lot of heifers with fine udders and good size.

The prices on these cattle seemed very large to new breeders, but none of them complained as they realized that it was better to start with a few that were very good than a number of ordinary individuals.

The members of the Club had all of their herds tuberculin tested before getting in the new cattle, and expect to have their herds tested annually hereafter.

This car load of cattle arrived at Oregon City in fine condition, not an accident of any kind on the road and not an animal off feed. Much of this good luck must be credited to Mr. Whalley and Professor Westover for their careful care of the stock while in transit.

They were shipped by fast express, were loaded in Massachusetts on the twelfth, made a stop over in Wisconsin, and arrived in Oregon City the afternoon of the twentieth, where they were held to rest up and be exhibited until the thirtieth of November, when they were drawn by lot.

Their new owners took them home December 1, where they will undoubtedly receive good care. To a number these are their first pure bred females and form a proud ownership.

The twenty-seven head were distributed among the following owners: Octav Voget, W. A. Carlson, S. C. Young, H. F. Boeckman, F. H. Stangel, Sam Elmer, H. L. Carl, Dr. A. L. Beattie, D. Scheff, F. S. Hutchins, John T. Whalley, Chas. F. Wagner, Clyde Ringo and A. I. & J. Hughes.

—Mrs. A. I. Hughes

Advanced Register Records Completed and Approved From December 15 to December 31, 1917

These records are all made on the two day test basis except where especially noted

Triple May 35925, A. R. 5706, owned by Cornell University, Ithaca, N. Y. Record:—7926.4 lbs. milk; 356.95 lbs. b. f. 3 yrs. old

Waldora Sequel of Waconia 51470, A. R. 5707, owned by Joseph Sicheneder, Waconia, Minn. Record:—6785.0 lbs. milk; 362.07 lbs. b. f. 2 yrs. 8 mos. old (1 day test).

Winna of Woodend 2d 30066, A. R. 5708, owned by Joseph Sicheneder, Waconia, Minn. Record:—11731.8 lbs. milk; 499.12 lbs. b. f. 7 yrs. 2 mos. old (1 day test).

Ellen M. 37637, A. R. 5709, owned by Joseph Sicheneder, Waconia, Minn. Record:—9453.8 lbs. milk; 530.38 lbs. b. f. 5 yrs. old (1 day test).

Hero's Josephine 52143, A. R. 5710, owned by C. W. Barron, Cohasset, Mass. Record:—10933.3 lbs. milk; 485.71 lbs. b. f. 2 yrs. 6 mos. old.

Duchess of Manomet 45022, A. R. 5711, owned by A. L. Lincoln, Norwell, Mass. Record:—10474.6 lbs. milk; 541.30 lbs. b. f. 2 yrs. 6 mos. old.

Lena Rose 53388, A. R. 5712, owned by A. L. Lincoln, Norwell, Mass. Record:—11486.3 lbs. milk; 521.07 lbs. b. f. 2 yrs. 5 mos. old.

Robin of Keewaydin 42238, A. R. 5713, owned by Elbert H. Baker, Gates Mills, Ohio. Record:—8930.8 lbs. milk; 420.63 lbs. b. f. 3 yrs. 11 mos. old.

Falstaff's Wyoming of Upland Farms 68406, A. R. 5714, owned by Frank P. Frazier, Ipswich, Mass. Record:—9445.6 lbs. milk; 443.03 lbs. b. f. 1 yrs. 11 mos. old.

Upland's Surprise 58835, A. R. 5715, owned by Frank P. Frazier, Ipswich, Mass. Record:—9479.8 lbs. milk; 485.13 lbs. b. f. 2 yrs. 3 mos. old.

Upland Farm's Grace 58836, A. R. 5716, owned by Frank P. Frazier, & Son, Ipswich, Mass. Record:—7135.4 lbs. milk; 378.89 lbs. b. f. 2 yrs. 2 mos. old.

Imp. Flora de la Forge 50372, A. R. 5717, owned by J. Griswold Webb, Clinton Corners, N. Y. Record:—9594.8 lbs. milk; 566.47 lbs. b. f. 3 yrs. 6 mos. old.

June Morning 46175 A. R. 5718, owned by George W. Browne, Waukesha, Wis. Record:—8411.4 lbs. milk; 374.86 lbs. b. f. 4 yrs. 1 mo. old.

Imp. Queen Mary of Sunnyside 47194, A. R. 5719, owned by Est. Myron C. Wick, Youngstown, Ohio. Record:—8354.2 lbs. milk; 488.69 lbs. b. f. 2 yrs 7 mos. old (1 day test).

Imp. Jolly Jenny II. 35775, A. R. 5720, owned by Benjamin H. Throop, Elmhurst, Pa. Record:—10720.0 lbs. milk; 468.99 lbs. b. f. 9 yrs. 6 mos. old.

Imp. Buttercup III. of the Friquet 38881, A. R. 5721, owned by Benjamin H. Throop, Elmhurst, Pa. Record:—8753.6 lbs. milk; 403.06 lbs. b. f. 6 yrs. 3 mos. old.

Imp. Lily of the Caillioterie 44582, A. R. 5722, owned by Benjamin H. Throop, Elmhurst, Pa. Record:—12015.6 lbs. milk; 586.94 lbs. b. f. 5 yrs. 7 mos. old.

Woodlawn's Cora 28860, A. R. 5723, owned by George F. Shook, Spring Mills, Pa. Record:—10447.2 lbs. milk; 456.01 lbs. b. f. 7 yrs. 8 mos. old (1 day test).

Rose of Locust Hill 4th 55874, A. R. 5724, owned by M. L. Reed, Coal Valley, Pa. Record:—7421.3 lbs. milk; 407.73 lbs. butter fat. 2 yrs. 1 mo. old.

Glenidora 2d 23389, A. R. 5725, owned by Frank McFee, Oneonta, N. Y. Record:—9553.7 lbs. milk; 506.39 lbs. b. f. 9 yrs. 4 mos. old.

King's Orrie 47319, A. R. 5726,owned by William H. Rutherford, Madrid, N. Y. Record:—13174.4 lbs. milk; 540.10 lbs. b. f. 5 yrs. 1 mo. old (1 day test)

Ma Chere Confidence 55851 A. R. 5727, owned by S. M. Shoemaker, Eccleston, Md. Record:—10190.0 lbs. milk; 511.82 lbs. b. f. 2 yrs. old.

Lady of Birchwood 52208, A. R. 5728, owned by M. L. Welles, Rosendale, Wis. Record:—6580.0 lbs. milk; 273.43 lbs. b. f. 2 yrs. 4 mos. old (1 day test).

Laura of Birchwood 54190, A. R. 5729, owned by M. L. Welles, Rosendale, Wis. Record:—6907.1 lbs. milk; 321.49 lbs. b. f. 2 yrs. 3 mos. old (1 day test).

Ada of Ore Hill 51385, A. R. 5730, owned by Dale E. Rundell, Livingston, Wis. Record:—8614.7 lbs. milk; 430.96 lbs. b. f. 2 yrs. 8 mos. old.

Edith of Pleasant Hill 54412, A. R. 5731, owned by Bayard Murray, Newark, De. Record:—10350.0 lbs. milk; 478.76 lbs. b. f. 4 yrs. 5 mos. old.

Butterpat of Prospect 49505, A. R. 5732, owned by W. D. Hoard, Fort Atkinson, Wis. Record:—6132.1 lbs. milk; 305.14 lbs. b. f. 2 yrs. 10 mos. old (1 day test).

Agnes of Ore Hill 51384, A. R. 5733, owned by J. W. Player, Elliott, S. C. Record:—7299.4 lbs. milk; 364.21 lbs. b. f. 2 yrs. 9 mos. old.

France's Lily of Rich Neck 54382, A. R. 5734, owned by Oaklands Farm Co., Trenton, N. J. Record:—9579.8 lbs. milk; 485.65 lbs. b. f. 2 yrs. 2 mos. old.

Odora of Tarbell Farms 51602, A. R. 5735, owned by Gage E. Tarbell, Smithville Flats, N. Y. Record:—8248.2 lbs. milk; 508.62 lbs. b. f. 2 yrs. 6 mos. old.

May King's Portia of Oakhurst 45565, A. R. 5736, owned by Frank A. Hotchkiss, Millerton, N. Y. Record:—9089.1 lbs. milk; 463.05 lbs. b. f. 3 yrs. 5 mos. old.

Mrs. Fitzherbert 50901, A. R. 5737, owned by E. B. Cassatt, Berwyn, Pa. Record:—8507.7 lbs. milk; 450.88 lbs. b. f. 2 yrs. 7 mos. old.

Raymond's Morning Glory 42504, A. R. 5738, owned by Jules Breauchard, Olivebridge, N. Y. Record:—8592.0 lbs. milk; 481.33 lbs. b. f. 4 yrs. 2 mos. old.

Imp. Carlotta of Sarnia 50476, A. R. 5739, owned by M. B. Goff, Sturgeon Bay, Wis. Record:—7453.3 lbs. milk; 356.78 lbs. b. f. 3 yrs. 5 mos. old.

Betsey Beauty of Greenwood Farm 33383, A. R. 5740, owned by M. B. Goff, Sturgeon Bay, Wis. Record:—8668.4 lbs. milk; 416.83 lbs. b. f. 5 yrs. 7 mos. old.

Imp. Donnington Girlie 3d 54015, A. R. 5741, owned by Ben B. Mitchell, Troy, Pa. Record:—6940.4 lbs. milk; 313.90 lbs. b. f. 3 yrs. 6 mos. old.

Imp. Topsy of Goodnestone 4th 53976, A. R. 5742, owned by Ben B. Mitchell, Troy, Pa. Record:—8036.9 lbs. milk; 465.07 lbs. b. f. 4 yrs. old.

Coquette of Whitehall 28674, A. R. 5743, owned by James H. Seaman, Glen Falls, N. Y. Record:—9097.5 lbs. milk; 476.84 lbs. b. f. 9 yrs. 1 mo. old (1 day test).

Beauty's Best of Folly Land 31803, 5744, owned by James H. Seaman, Glen Falls, N. Y. Record:—8767.4 lbs. milk; 574.95 lbs. b. f. 6 yrs. 9 mos. old (1 day test).

Triple Champion's Daisy 51957, A. R. 5745, owned by Lawrence Grinnell, South Dartmouth, Mass. Record:—7452.5 lbs. milk; 346.28 lbs. b. f. 2 yrs. 3 mos. old.

Linda's Princess of Maple Lane 32196, A. R. 5746, owned by A. B. Humphrey, Escalon, Cal. Record:—8400.7 lbs. milk; 439.27 lbs. b. f. 6 yrs. 5 mos. old.

Fairy of Alfalfa Farms 40105, A. R. 5747, owned by A. B. Humphrey, Escalon, Cal. Record:—8220.2 lbs. milk; 511.60 lbs. b. f. 4 yrs. 8 mos. old.

Count's Miss Dot 2d 33945, A. R. 5748, owned by Elliott-Brant Rancho, Owensmouth, Cal. Record:—10303.3 lbs. milk; 471.67 lbs. b. f. 6 yrs. 2 mos. old.

Belle of Briarbank 55268, A. R. 5749, owned by W. T. Barbour, Birmingham, Mich. Record:—7752.5 lbs. milk; 449.23 lbs. b. f. 2 yrs. 6 mos. old (1 day test).

Palby of Briarbank 55269, A. R. 5750, owned by W. T. Barbour, Birmingham, Mich. Record:—7564.3 lbs. milk; 403.03 lbs. b. f. 2 yrs. 3 mos. old (1 day test).

Della of Hickory Grove 24706, A. R. 5751, owned by H. C. Crocker & Son, Sennett, N. Y. Record:—14392.5 lbs. milk; 701.27 lbs. b. f. 8 yrs. 9 mos. old.

Oola of Bellmath 34768, A. R. 5752, owned by H. C. Crocker & Son, Sennett, N. Y. Record:—10098.8 lbs. milk; 521.39 lbs. b. f. 5 yrs. 6 mos. old.

Fina of Bellmath 34769, A. R. 5753, owned by H. C. Crocker & Son, Sennett, N. Y. Record:—9921.2 lbs. milk; 497.12 lbs. b. f. 5 yrs. 6 mos. old.

Imp. Annie of Linwood 51555, A. R. 5754, owned by Homer F. Rundell, Livingston, Wis. Record:—11216.5 lbs. milk; 566.67 lbs. b. f. 4 yrs. 5 mos. old.

Panama's Fillpail 45557, A. R. 5755, owned by William D. Sharrett. Bristow, Va. Record:—6236.1 lbs. milk; 299.01 lbs. b. f. 3 yrs. 2 mos. old.

Imp. Jubilina of Sunnyside II. 47177, A. R. 5756, owned by William D. Sharrett, Bristow, Va. Record:—7005.7 lbs. milk; 415.64 lbs. b. f. 3 yrs. 10 mos. old.

Panama's May Queen 44693, A. R. 5757, owned by William D. Sharrett, Bristow, Va. Record:—7253.7 lbs. milk; 355.33 lbs. b. f. 3 yrs. 3 mos. old.

Imp. Reseda of Blanchelande 47192, A. R. 5758, owned by William D. Sharrett, Bristow, Va. Record:—5877.7 lbs. milk; 331.96 lbs. b. f. 3 yrs. 3 mos. old.

Imp. Honeymoon V. of the Fountain 47180, A. R. 5759, owned by William D. Starrett, Bristow, Va. Record:—7564.9 lbs. milk; 372.88 lbs. b. f. 3 mos. 10 mos. old.

Imp. Princess of the Rouvets II. 32068, A. R. 5760, owned by R. B. Jackson, Birmingham, Mich. Record:—8863.9 lbs. milk; 391.62 lbs. b. f. 6 yrs. 9 mos. old.

Re-entries

Alfreda of Broad Acres 47821, A. R. 4567, Re-entry, owned by Frank M. Smith, Springfield Center, N. Y. Record:—9351.0 lbs. milk; 422.63 lbs. b. f. 2 yrs. 11 mos. old.

Dairymaid of Waukesha 38053, A. R. 3388, Re-entry, owned by A. W. & F. E. Fox, Waukesha, Wis. Record:—12557.8 lbs. milk; 619.68 lbs. b. f. 4 yrs. 10 mos. old.

Rival's Buttercup of Dellwood 46825, A. R. 4532, Re-entry, owned by J. H. Hammond, Mount Kisco, N. Y. Record:—8645.1 lbs. milk; 566.11 lbs. b. f. 3 yrs. 6 mos. old.

Imp. Blackberry of the Isle 26648, A. R. 1643, Re-entry, owned by C. Christensen, La Crosse, Wis. Record:—9812.2 lbs. milk; 441.36 lbs. b. f. 9 yrs. 10 mos. old.

Imp. Bon Espoir of the Hechet 39737, A. R. 4516, Re-entry, owned by Oaklands Farm Co., Trenton, N. J. Record:—11943.0 lbs. milk; 653.48 lbs. b. f. 4 yrs. 10 mos. old.

Imp. Mahy's Moss Rose II. 39474, A. R. 3581, Re-entry, owned by Oaklands Farm Co., Trenton, N. J. Record:—13798.8 lbs. milk; 623.21 lbs. b. f. 5 yrs. 7 mos. old.

Village Evette 32773, A. R. 2317, Re-entry, owned by Gage E. Tarbell, Smithville Flats, N. Y. Record:—13314.2 lbs. milk; 680.87 lbs. b. f. 6 yrs. 7 mos. old.

Ramee of Summerdale 38995, A. R. 3555, Re-entry, owned by George C. Stone, Twig, Minn. Record:—11602.2 lbs. milk; 601.81 lbs. b. f. 4 yrs. 11 mos. old.

Princess of Meadowbrook 25185, A. R. 4282, Re-entry, owned by Elliott-Brant Rancho, Owensmouth, Cal. Record:—14089.3 lbs. milk; 745.79 lbs. b. f. 8 yrs. 3 mos. old.

Mignonette of Maple Row 27265, A. R. 1392, Re-entry, owned by Est. H. E. Taber, Castile, N. Y. Record:—11201.5 lbs. milk; 595.99 lbs. b. f. 8 yrs. 1 mo. old (1 day test)

Ideal of Alfalfa Farms 40750, A. R. 2981, Re-entry, owned by Homer F. Rundell, Livingston, Wis. Record:—13125.0 lbs. milk; 739.72 lbs. b. f. 5 yrs. 6 mos. old.

Clover of Pencoyd 2d 35083, A. R. 2725, Re-entry, owned by T. W. & I. W. Roberts, Bala, Pa. Record:—16127.1 lbs. milk; 821.63 lbs. b. f. 6 yrs. old.

Bulls Admitted to the A. R. from Dec. 15 to Dec. 31, 1917 by Daughters Whose A. R. Numbers Appear in Brackets.

Teddy of Woodend 8279, A. R. (4052–5708).

Imp. Squire II. of the Camp 15237, A. R. (4426–5713).

Imp. Royal Governor of the Gree 28602, A. R. (4631–5717).

Canadian (R. G. A. S. 1809 P. S.) A. R. (1079–5720).

Jardiniere's Masher 20957, A. R. (5638–5727).

George Washington of Maple Farm 20363, A. R. (4976–5735).

San Ysidro (R. G. A. S. 2350 P. S.), A. R. (4018–5739).

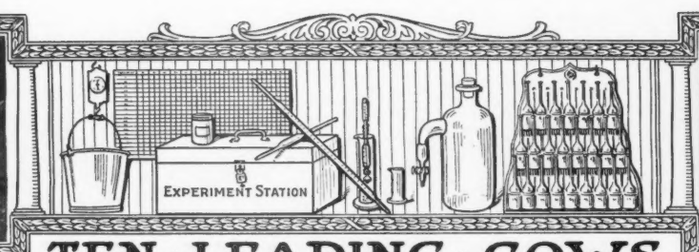
Donnington Jack (2128 E. G. H. B.), A. R. (4811-5741).

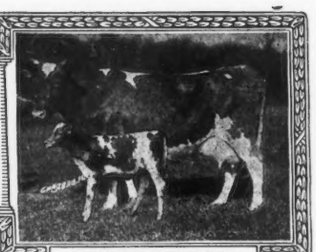
Gipsy's Jewel 10031, A. R. (3631–5743).

Katia's Prince 10650, A. R. (1673–5751).

Glenwood Rose of Bellmath 11757, A. R. (5752–5753).

Admiral of the Fountain (R. G. A. S. 2445 P. S.), A. R. (4220–5759).





A CALF WITH

TEN · LEADING · COWS

EVERY RECORD

IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF · HONOR

CLASS AA—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Benton's Lady Chesterbrook of Ingleside 28672 A. R. 2714	13305.1	690.69	Sagesta 15531 A. R. 3593	11497.4	605.20
Alma Ethel 33964 A. R. 2707	12660.6	621.21	Clare of Poplar Grove 3d 16343 A. R. 3922	13170.7	568.81
Selma of Pinehurst 14521 A. R. 325	9593.1	615.97	Imp. Victorina of Sarnia 35669, A. R. 5640	10504.7	538.54
Golden Maid of Maple Lane 36736 A. R. 5402	13038.0	614.96	Margaret of Linden 16078 A. R. 665	12116.6	526.35
Auricula 2d 12209 A. R. 106	13411.6	605.50	Primrosedale 2d 14360 A. R. 115	12897.4	525.34

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS

Imp. Pretoria 14443 A. R. 73	11528.8	595.35	Jedetta 11966 A. R. 227	8601.3	451.07
Imp. Les Chevalier's Primrose 33107 A. R. 2748	11465.4	528.18	Portia of Dentonia 18983 A. R. 807	8864.1	439.19
Comus Queenie 22399 A. R. 1472	9395.8	522.50	Merisan 18997 A. R. 706	8139.5	431.00
Lucretia's Daughter 11256 A. R. 3	11084.6	489.60	Little Cad 36721 A. R. 5237	8733.4	425.34
Imp. Rosy IV. of the Camp Joinet 40087 A. R. 4846	10493.5	481.44	Imp. Majesty's Rose 32018 A R. 3310	10275.7	424.30

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS

Spotswood Daisy Pearl 17696 A. R. 790	11570.7	572.67	Imp. Freedom's Primrose 33096 A. R. 2186	8311.7	465.19
Princess Milk Maid 38668 A. R. 3976	11084.3	536.25	Melvina 22938 A. R. 1864	8005.2	459.76
Lucile of the Ridge 36580 A. R. 4461	8216.4	504.61	Izora of Hickory Grove 39832 A. R. 5151	8996.0	451.56
Imp. Honeymoon II. of the Fountain 23567 A. R. 1954	9962.3	482.84	Glenwood's Elizabeth of Haddon 18824 A. R. 997	8597.9	450.88
Imp. Ramee Victory 32087 A. R. 3716	10225.2	478.95	Dorinda Flower 32560 A. R. 3695	8521.0	445.21

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS

Imp. Wintershill Meg 2d 48506 A. R. 3824	12347.2	583.33	Lassie of Ledyard 19105 A. R. 417	7975.0	426.31
Imp. Dewdrop III. of the Hall 35221 A. R. 3717	9780.2	519.30	Imp. Adele of Sarnia 40226 A. R. 4062	7902.9	420.37
Imp. Hotton's Nelly III. 22562 A. R. 901	8675.6	510.49	Lucy of Woodbine 49235, A. R. 5447	7894.8	415.49
Imp. Hayes Friquet 2d 44979 A. R. 3900	9470.7	504.58	Gilgal of Grasslands 18223 A. R. 846	7873.7	414.18
Imp. Cambrian Princess 14446 A. R. 87	7234.6	457.07	My Lady Proud 20190 A. R. 1230	7938.2	412.50

CLASS EE—THREE TO THREE AND ONE-HALF YEARS

Imp. Fan IV. of the Croute 28519 A. R. 2442	11872.8	539.34	Daisy of Oakwood 49838 A. R. 3775	8303.7	462.28
Trixy of the Ridge 42583 A. R. 4579	9557.0	537.38	Princess Corinna 3d 29987 A. R. 2473	9284.9	462.20
Sunday's Tabernacle of Overland View 41858 A. R. 5215	8342.9	486.11	Dousman's Bluebell 38299 A. R. 3959	7834.0	458.45
Selma of Pinehurst 4th 25703 A. R. 1235	8819.6	476.76	Virelay 13300 A. R. 187	9343.6	451.92
Dairymaid of Elm Place 14197 A. R. 19	9045.8	473.47	Imp. Mouilpied's Edna May 29320 A. R. 2593	8702.3	441.14

CLASS FF—TWO AND ONE-HALF TO THREE YEARS

Ada of Hop City 15361 A. R. 91	8605.1	517.11	Matilda of Spring Brook 25649 A. R. 991	7406.1	428.20
Susie of the Ridge 43719 A. R. 4723	8931.3	514.07	Park's May 24020 A. R. 1390	9607.7	424.13
Ellenwood's Nonesuch 40123 A. R. 4156	9517.2	452.42	Uneeda B. 17523 A. R. 637	7739.5	420.10
Robinia 16174 A. R. 420	8320.8	442.42	Imp. Cora's Queen's Prize IV. 16004 A. R. 143	8080.4	410.81
Imp. Governor's Daisy 37391 A. R. 3513	8085.5	436.39	Glenwood's Chesterbrook of Haddon 27665 A. R. 1121	9052.9	406.76

CLASS GG—TWO TO TWO AND ONE-HALF YEARS

Theodore's Pride 42768 A. R. 3837	11587.4	594.02	May King's Ideal 40323 A. R. 3718	9562.9	452.48
Lillia of Iowa 43159 A. R. 3929	10535.7	568.94	Imp. Jessie Durand IV. 43670 A. R. 3601	8962.3	447.33
Mysie's Lady of Claremont 66500, A. R. 5676	9574.1	494.88	Governor's Madge Chena 34150 A. R. 2837	6822.0	442.94
Matin Belle 2d 25965 A. R. 1523	9059.7	462.51	Selma of Pinehurst 2d 19626 A. R. 624	7078.0	430.01
Hazel of Lee Farm 39204 A. R. 3548	9608.5	458.71	Almira 18384 A. R. 727	8279.6	426.29

AVERAGE YIELD OF 70 CLASS LEADERS 9555.56 LBS. MILK; 489.03 LBS. BUTTER FAT; 5.11 PER CENT.

The above is as they appeared Jan. 1, 1918.

Summary of 415 Double Letter Records.

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class AA	109	8934.10	441.88	4.946
Class BB	28	8472.54	417.01	4.921
Class CC	49	8023.31	409.27	5.101
Class DD	32	7581.23	391.41	5.162
Class EE	51	7479.53	376.29	5.030
Class FF	59	6968.59	360.08	5.167
Class GG	87	6684.73	340.55	5.094
Av. for	415	7760.39	391.28	5.042

Milk Production

Best Year's Record 13411.6 lbs.

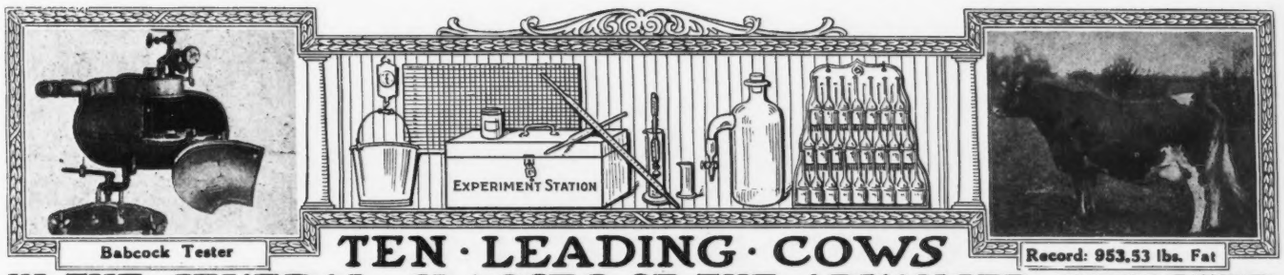
Av. Ten Largest Records 12640.74 lbs.

Butter Fat Production

Best Year's Record 690.69 lbs

Av. Ten Largest Records 609.89 lbs.

Largest double letter record for which certificate has been written since last issue of Journal. Oola of Bellmath 34768, A. R. 5752, 10098.80 lbs. milk; 521.39 lbs. fat.



Babcock Tester

Record: 953.53 lbs. Fat

TEN · LEADING · COWS IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. Fat		Lbs. Milk	Lbs. B. Fat
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Julie of the Chene 30460 A. R. 2752	17661.0	953.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	Belladia 31909 A. R. 2801	19631.9	934.05
Langwater Hope 27946 A. R. 1978	19882.0	1003.17	Imp. Daisy Moon III. 28471 A. R. 1909	18019.4	928.39
Yeksa's Tops of Gold's Fannie 22362, A. R. 2394	19794.9	981.53	Miranda of Mapleton 19606 A. R. 914	16630.7	927.16
Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38	Imp. Dora II. of les Marais 37737 A. R. 1999	16664.5	904.71

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Lady Dairymaid of Pinehurst 29723 A. R. 2106	14770.0	769.58
Lady Lesbia 25142 A. R. 1348	13582.8	787.03	Linden Girl 42762 A. R. 3607	14682.8	747.45
King's Alberta 33788 A. R. 2555	13954.9	785.61	Ximesses M. 35845 A. R. 4836	15359.8	733.13
Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22	Lime Girl 33441 A. R. 3443	15264.5	728.68

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	Imp. Beauty II. of the Coutanchez 28465 A. R. 2081	13513.9	748.81
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Stella's Favorite 2d 29167 A. R. 2283	14529.6	719.23
Polly's Beauty 35078 A. R. 2911	16629.8	774.40	Imp. Nettie of the Hubits 44181 A. R. 4958	12556.9	718.97
Imp. Dora II. of Les Marais 37737 A. R. 1999	15434.9	770.38	Noblesse 3d 37942 A. R. 2908	12399.5	717.67
Pauline Standish 33533 A. R. 3308	15870.6	757.21	Triple Champion's Marva 30001 A. R. 2400	14370.3	703.27

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Nella Jay 4th 38233 A. R. 3194	16039.9	769.33
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Imp. Rosie V. of the Bourg de Bas 36380 A. R. 2802	14065.1	755.07
Langwater Dorothy 27944 A. R. 1822	16099.7	781.65	Rose of Langwater 24204 A. R. 1445	15008.2	751.62
Lady's Hope of Maple Hill 44843 A. R. 5700	15126.4	776.63	Imp. Ma Charmante 6th 31925. A. R. 1995	15149.8	740.20
Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16	Imp. Daisy Moon III. 28471 A. R. 1909	12489.9	710.70

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.26	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	796.52	Fleurette of Riverside Farm 36286 A. R. 2930	13665.5	689.56
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Imp. Blanchflower XX. 47923 A. R. 5228	13553.7	687.93
Masher's Elsie 24986 A. R. 1967	14458.7	745.75	Sweet Maria 25151 A. R. 1803	12542.5	682.86

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Langwater Hope 27946 A. R. 1978	15078.8	773.59	May Belle of Linda Vista 29679 A. R. 2134	11981.8	653.02
Azucena's Pride 2d 24957 A. R. 1469	12633.3	706.46	Imp. May Rose of the Vrangue III. 51985 A. R. 5673	12683.2	652.70
Linden Girl of Harbor Hill 3d 58625 A. R. 4651	12636.9	681.34	Imp. Rose des Houards 59th 44975 A. R. 3901	13522.8	643.11
Rose of Langwater 24204 A. R. 1445	12966.5	669.89	Yeksarose 16610 A. R. 472	11275.5	638.49
Imp. Buttercup II. of Beauregard 35799 A. R. 2638	10623.3	659.71	Janet of Oakhurst 45297 A. R. 5071	11006.0	617.76

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Dolly Dimple 19144 A. R. 628	14009.1	703.36
Nella Jay 4th 38233 A. R. 3194	14772.7	726.32	Golden Elsie 2d 33422 A. R. 2274	13409.0	672.94
Follyland Nancy 52457 A. R. 5266	12270.9	712.60	Princess Deasie 36703 A. R. 2275	11943.1	666.22
Pearl Rose of the Glen 47414, A. R. 4900	12378.8	711.43	Nellie Tostevin of Mapleton 3d 30318 A. R. 2121	11675.9	664.01
Nugget's Primrose 48835 A. R. 4001	15436.1	705.56	Imp. Bonnie of Anna Dean Farm 46953 A. R. 3195	12785.4	657.87

AVERAGE YIELD OF 70 CLASS LEADERS 14897.09 LBS. MILK; 774.92 LBS. BUTTER FAT; 5.20 PER CENT.

The above is as they appeared Jan. 1, 1918.

Summary of 6640 Advanced Register Records.

	Records.	Lbs. Milk.	Lbs. B. F.	Per Cent
Class A	1943	10239.95	505.87	4.940
Class B	385	9703.42	484.80	4.996
Class C	520	9311.03	467.24	5.018
Class D	546	9108.36	459.40	5.044
Class E	661	8404.20	424 17	5.047
Class F	809	8128.08	411.40	5.061
Class G	1776	7765.08	389.74	5.019
Av. for	6640	8941.04	447.10	5.000

Milk Production

Best Year's Record 24008 lbs. lbs.

Av. Ten Largest Records 19486.04 lbs.

Butter Fat Production

Best Year's Record 1098.18 lbs.

Av. Ten Largest Records 976.75 lbs.

Largest record for which certificate has been written since last issue of Journal Clover of Pencoyd 2d 35083, A. R. 2725. Re-entry: 16127.10 lbs. milk: 821.63 lbs. fat.

Get All the Butterfat-- *Stop Your Loss by Using the*

"Iowa" Cream Separator

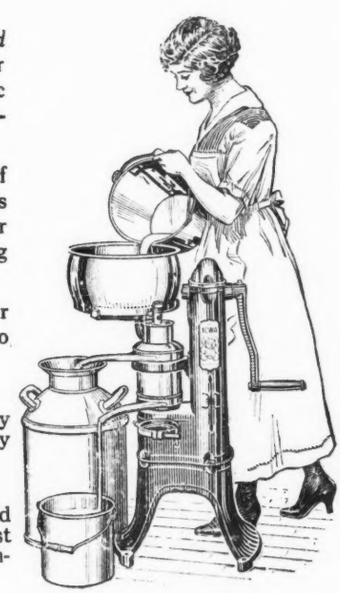
With Patented "Curved Disc" Bowl

The "IOWA" gets every cent your cows produce. It stops the loss of Butterfat and makes every cow in your herd worth more. The butterfat that an inefficient or an old separator leaves in the skim-milk is a loss of real dollars to you. You can pay for a new "IOWA' while you are using it, out of the butterfat it saves day by day. The "IOWA" Cream Separator with the patented *Curved Disc* bowl gets every drop of butterfat. It skims cleanest under all practical farm conditions.

CLOSEST SKIMMING:—the only separator with the patented *Curved Disc* Bowl. Skims clean under all farm conditions. winter or summer. Winner International Skimming Test made by the Jury of Dairy Experts, Panama-Pacific Exposition. Hundreds of official tests prove that the "IOWA" gets all the butterfat.

LIGHTEST RUNNING:—The "IOWA" gearing is a combination of the spur and spiral type, producing a noiseless, smooth running separator. Gears are cut absolutely accurate on special automatic gear cutting machines. Low gear ratio, and finest phosphor bronze bearings make the "IOWA" the lightest running separator.

EASIEST CLEANED: The *curved discs* of the "IOWA" Cream Separator are washed, sterilized and dried in less than *two minutes*. No longer necessary to wash discs one at a time when you use the



Automatic Sanitary Cleaner Furnished With The "IOWA"

This patented automatic cleaner given free with each "IOWA" makes disc washing an easy task. So simple that any child can operate it. Keeps the discs in a sweet, clean, sanitary condition, insuring the highest quality cream and butter.

"IOWA"—THE SANITARY SEPARATOR

Sanitary inside and out. All parts which come in contact with the milk can be removed and cleaned perfectly. The separator frame has no cracks or crevices or shelves to collect dust and dirt; smoothly finished, easy to wash. The tinware of the "IOWA" is made from high-grade sheet steel, heavily tin plated and non-rusting.

Write for Illustrated Catalogue. Address Dept. E.

ASSOCIATED MANUFACTURERS COMPANY

WATERLOO, IOWA, U. S. A.

Manufacturers of the "Associated" Engines--1 1-2 to 18 H. P. Guaranteed

FROM THE GUERNSEY WORLD

Connecticut

Mount Fair Farm Sells Breeding Stock

We have just sold a bull calf to Jacob Haas, West Springfield, Massachusetts. This calf is from one of our imported cows and carries much Sequel blood. A few month's more growth will place this calf in excellent shape. He has the proper Guernsey type, and we feel sure that Mr. Haas will secure excellent results through this acquisition to his herd.

—MOUNT FAIR FARM

Idaho

Guernsey Literature Valuable in College Course

The Registration Blanks and other literature which you forwarded have been received by this Department, and I assure you that we are very thankful to you for the same. The material is just what I had hoped you would send and will help us materially in teaching our course in Pure Bred Herds.

—R. D. CANAN

An Example From a Thousand Like It

My Guernsey dropped a calf when she was eighteen months and seven days old. Gives now better than four gallons of milk a day and "experts" tell me she look slike a "world beater." Splendid milk, oceans of it (for a nineteen months heifer). Nicest disposition and best heifer I ever saw.

—A. B. LUCAS

Illinois

Guernsey Herds Lead in Cow Testing Associations

The Guernsey herd of F. K. Babson from the Du Page Association in Du Page County, led all herds in the Association in the production of butter fat per cow in November. The fourteen cows in his herd produced an average of 33.7 pounds of butter fat each.

The Guernsey herd of eight cows belonging to L. L. Dunmire from the La Salle County Association, which includes dairymen in both La Salle County and Woodford County, led

WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

Special Note: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These records are all made on the two day test, except where noted.

Name and Number.	Class	Days	Month	Month Credit. Milk Lbs.	% Fat	Lb. Fat Lbs.	Total Credit. Milk Lbs.	Lb. Fat Lbs.
These records are all made on the two day test basis except where especially noted								
ALEXANDER, RAY H., UNION SPRINGS, N. Y. 1 day test								
Floretta of Sunnyside 41741	A	123	Oct	688.9	5.49	37.82	3072.9	157.87
Rosamond Masher of Sunnyside 40129	A	138	Oct	787.3	5.65	44.48	4392.6	221.94
Rosamond's Golden Fern 73638	G	153	Oct	539.5	5.25	28.32	3163.3	159.40
ALEXANDER, W. A., UNION SPRINGS, N. Y. 1 day test								
Lady Marie of Sunnyside 58989	G	123	Oct	611.4	4.95	30.26	2876.7	149.44
Sunnyside Marie 2d 44652	B	73	Oct	809.5	4.71	38.13	1988.0	94.70
AMES, F. LOTHROP, NORTH EASTON, MASS.								
Langwater Diva 68789	G	121	Nov	738.8	4.58	33.84	3598.6	147.48
Langwater Heroine 49483	D	109	Oct	1016.1	4.72	76.28		
		139	Nov	1325.2	5.04	66.79	6971.3	323.93
Imp. Langwater Lily 26606	A	225	Nov	780.1	6.45	50.32	7661.1	387.33
Langwater Luxury 49484	D	142	Nov	1172.4	5.49	64.36	6166.4	296.48
Langwater Phyllis 70607	G	55	Nov	1371.8	5.35	73.39	2426.0	120.09
Langwater Pride 35752	A	153	Nov	1075.3	6.04	64.95	5024.2	253.74
LAPIN, R. M., DOUSMAN, WIS. 1 day test								
Miss Harvest 47564	C	183	Oct	635.9	5.68	36.12	5746.5	261.17
ARCHER, CAROLINE, READING, PA. 1 day test								
Kitty Mackay 55726	F	214	Oct	606.6	5.06	30.69		
		244	Nov	522.4	5.05	26.38	6051.2	274.35
Prim of Flying Hill 56134	G	165	Oct	490.4	4.91	24.08		
		195	Nov	469.1	4.73	22.19	4183.5	190.68
BACKER, C. A., BILLERICA, MASS.								
Bijou's Violet 42317	A	244	Nov	599.7	5.57	33.40	5500.8	285.68
Harmonette 42325	B	122	Nov	603.0	4.80	28.94	2624.5	116.53
Imp. Lady Devon 42315	A	176	Nov	366.2	5.71	20.91	3701.4	194.87
Lady's Pride of Meadow Brook 42323	A	177	Nov	386.0	6.05	23.35	3645.0	196.68
Quintilla Milk Maid 37684	A	146	Nov	697.7	4.07	28.49	3317.9	136.62
BALDWIN, H. W. PENNINGTON, N. J.								
Ida of Mapledale 61830	G	262	Nov	708.3	5.33	37.75	7403.7	341.80
Oliver's Gypsy of Meadowbank 50853	D	11	Sept	339.0	3.76	12.75		
		42	Oct	1060.5	3.76	39.87		
		72	Nov	1061.5	3.77	40.02	2461.0	92.64
Picobelle 26406	A	248	Oct	469.8	4.60	21.61		
		278	Nov	397.3	4.42	17.56	7683.8	325.12
BANCROFT, HUGH, COHASSET, MASS.								
Bessie Ramee 33510	A	256	Oct	1230.6	4.48	55.13		
		286	Nov	1171.9	4.53	53.09	14652.1	635.46
Erwinette of Elm-Leigh 39538	A	91	Nov	789.8	5.71	45.10	2760.3	142.03
BARRON, C. W., COHASSET, MASS.								
Dorothy Cole of Westwood 32919	A	211	Nov	901.1	5.80	52.26	8760.5	412.01
Dottie Cole of Westwood 26348	A	311	Nov	751.2	5.78	43.42	12674.1	575.43
Duchess of Westwood 23038	A	275	Nov	921.8	4.87	44.89	10300.6	453.27
Helen Marshall's Jeanette's Sequel 26300	A	275	Nov	565.2	7.13	40.30	9304.7	493.33
King of the May's Thelma of Idylewilde 45735	C	198	Nov	756.1	5.86	44.31	6304.8	301.39
Lucy Cole of Westwood 26347	A	293	Nov	725.8	6.77	49.14	10620.0	514.49
Madge Cole of Westwood 31449	A	196	Nov.	854.4	5.81	49.64	6897.9	334.60
May King's Cottina 46170	C	212	Nov	851.9	4.78	40.72	6817.6	298.05
Imp. May Lady X. 53562	A	122	Nov	629.7	5.82	36.65	2937.4	157.17
Modena's Bond Beauty 42716	C	286	Nov	578.6	6.75	39.06	9254.5	470.00

Pixie May of Maudesleigh 42923	A	183	Nov	818.8	4.99	40.86	6729.2	293.77
Imp. Primrose III. of le Mont Durand 47945	A	30	Nov	1064.1	4.43	47.14		
Reddy Maid of Westwood 56744	G	286	Nov	698.6	5.83	40.73	8453.0	412.57
Rose Mar of Jean du Luth 56837	G	296	Nov	589.3	6.13	36.12	6733.9	353.42
So-so's Jeanette's Sequel 26298	A	344	Nov	421.8	5.99	25.27	9667.5	469.72
BEAMAN, W. E., CORNISH, N. H.								
Nankeen 8th 47814	D	30	Sept	1105.7	4.90	54.18		
		61	Oct	1023.0	5.30	54.22		
		91	Nov	898.1	4.81	43.20	3026.8	151.60
King of the May's Princess Rosendale 59472	G	2	Oct	39.3	4.31	1.69		
		32	Nov	752.6	4.31	32.44	791.9	34.13
BETHANY COLLEGE, BETHANY, W. VA.								
Dairymaid of Point Breeze 52160	C	6	Oct	133.1	5.34	7.11		
		36	Nov	860.7	5.34	45.96	993.8	53.07
BLANDY, I. C., GREENWICH, N. Y.								
Langwater Nancy 27943	A	334	Nov	1100.8	6.39	70.34	17673.3	936.28
BORDEN'S CONDENSED MILK CO., EARLVILLE, N. Y.								
Finetta of Bonny Mead 32737	A	149	Nov	779.7	6.05	47.17	4528.1	235.88
Lady Lamoille 36487	A	30	Nov	1116.8	4.47	49.92		
Imp. Rosette II. du Grand Bel 39457	A	327	Nov	77.4	5.52	4.27	8529.4	387.22
Vermont Girl 42252	B	77	Nov	863.7	4.16	35.93	2280.0	89.23
BOSWELL & INGHAM, BURKEVILLE, VA.								
Aimable's Caroline of Oak Ridge 56939	G	30	Apr	703.0	5.98	42.04		
		61	May	716.6	6.09	43.64		
		91	June	627.1	5.42	33.99		
		122	July	578.6	4.81	27.83		
		153	Aug	556.0	5.17	28.75		
		183	Sept	512.5	4.85	24.86		
		214	Oct	390.1	5.44	21.22	4083.9	222.33
BRIARCOMBE FARM CO., WINONA, MINN. 1 day test								
Bluebell of Sunnyside 2d 39405	A	301	Nov	511.7	4.80	24.56	7248.5	366.18
Imp. Eunice of Koshkonong Place 2d 37337	A	266	Nov	565.5	4.69	26.52	6550.8	283.47
Royal Maid of Oakdale 46703	D	287	Nov	455.1	6.28	28.58	5873.5	327.34
BUNDY, C. T., EAU CLAIRE, WIS. 1 day test								
Amy of Oak Grove 37309	A	338	Nov	619.8	5.83	36.13	9670.8	543.27
Atlasta Kathryn 58565	G	282	Nov	439.7	5.61	24.67	6237.6	325.22
Atlasta Lady 42104	C	365	Nov	330.0	4.91	16.20	10658.6	435.25
Atlasta Mary Bess 46759	D	365	Nov	498.7	4.72	23.54	9973.7	425.48
Atlasta May Kelley 57459	G	252	Oct	727.8	5.34	38.86		
		282	Nov	624.0	6.11	38.13	7757.3	425.01
Atlasta Rouge 51057	E	225	Nov	709.4	5.81	41.22	6959.6	316.18
COLVIN, B. C., GLENVIEW, ILL.								
Imp. Polly of the Isles 13th 69246	C	56	Apr	1078.3	4.49	48.42		
		87	May	1029.7	4.62	47.57		
		117	June	988.2	4.50	44.47		
		148	July	843.8	5.25	44.30		
		179	Aug	685.8	4.55	31.20		
		209	Sept	665.3	4.58	30.47		
		240	Oct	711.0	5.55	39.46	7030.8	331.36
COLVIN. W. H., GLENVIEW, ILL.								
Glenwood Girl of Riverdale 57868	G	31	Oct	697.9	4.68	32.66		
Holden IV's Lassie 68427	G	4	Sept	105.5	4.38	4.62		
		35	Oct	1013.7	4.38	44.40	1119.2	49.02
CONNECTICUT AGRICULTURAL COLLEGE THE, STORRS, CONN.								
Lorin Masher 61496	D	16	Oct	581.1	4.49	26.09		
		46	Nov	1150.7	4.20	48.33	1731.8	74.42
CORNELL UNIVERSITY, ITHACA, N. Y.								
Glenwood Queen Fay 50622	D	138	Sept	769.1	5.38	41.38		
		169	Oct	700.8	6.02	42.19		
		199	Nov	660.8	5.81	38.39	5769.4	323.91
CRAFT, HARVEY, C., GLEN COVE, N. Y. 1 day test								
Imp. Rosemary du Grande Belle 44581	A	294	Nov	572.5	5.08	29.08	9705.6	457.79
Imp. Rosemary of Matinecock 45647	D	278	Nov	769.5	4.99	38.49	9719.9	419.30
CURTIS, CHARLES W., MARLBORO, MASS.								
Clover Leaf Homestead 49613	C	204	Nov	778.0	5.64	43.88	5624.3	286.33
Ellenwood Beauty 36922	A	265	Nov	961.9	5.18	49.83	10288.0	481.45
Ellenwood Beauty 2d 55217	G	347	Nov	829.1	4.98	41.29	10960.2	512.04
Lady Nellie of Paris 2d 65841	B	183	Nov	795.6	5.39	42.88	5560.9	283.79
Thelma's Princess of Hickory Hill 44345	C	263	Nov	530.4	6.22	32.99	8091.2	406.80

FROM THE GUERNSEY WORLD

all herds in the Association with an average production of 28.7 pounds of butter fat. Sass Brothers' herd of forty pure bred Guernseys average 27.1 pounds of butter fat, and the sixty-one pure bred Guernseys belonging to Bailey Falls Farm average 26.8 pounds. These herds ranked second and third respectively in the association.

Poor producing cows will make a relatively greater loss this year than ever before while only good producers will return a profit over cost of feed. The cow testing association not only detects the poor producing cows but it also demonstrates beyond dispute that the Guernsey cow is the cow for profit.

Maine

Guernsey Literature Brings New Light

I want to thank you for the very beautiful and interesting literature sent me relative to Guernsey stock.

I have recently located on a farm and thought that my preference would be the Jersey stock, but from information which I have received I now believe that the Guernsey will fill the bill for me the better upon lines which I have laid out.

—F. S. McRonald

Guernseys Qualify in Standard of Merit

The Winthrop Dairy Improvement Association has established a standard of merit for the cows in their cow testing association that distinguish themselves by excellence in production of butter fat. The production per year required to qualify is 300 pounds for mature cows, 275 pounds for four year olds, 250 pounds for three year olds, and 225 pounds for the two year old class.

The entire grade Guernsey herd of F. M. Soper produced liberally above their requirements and all have entered into the association Standard of Merit. The three pure bred Guernseys entered by George S. Smith, secretary of the state Guernsey Breeders' association, produced an average of 333.60 pounds of butter fat, and all easily made their requirements for the honor list. It is of in-

GUERNSEY PEDIGREES TABULATED

A complete card system makes it possible for all A. R. work completed to be added. Five generations, 50 cents. Satisfaction guaranteed.

F. E. FOX, - - Waukesha, Wis.

AUCTIONEER

Col. D. L. Perry COLUMBUS OHIO

The Guernsey Auctioneer

I sell satisfaction, and also love the Guernsey. Write or wire.

ANNOUNCEMENT

Guernsey Breeders are cordially invited to attend the Annual Meeting of the Ohio Guernsey Breeders' Association at Columbus, Ohio, on

Thursday Morning, January 31, 1918

during Farmers' Week at Ohio State University.

H. C. McCAMON,
Secretary.

terest to Guernsey breeders to note that seventy per cent. of all pure bred and grade Guernseys that completed a full year's test were admitted to the Standard of Merit, whereas seventy-five per cent. of the cows of other breeds that finished the year's work FAILED to make the necessary requirements.

Cows of the other breeds, may for a short period of time, fill barrels to overflowing with their transparent product, and thereby fool their owners for a whole year by this great showing. The cow testing association sweeps into oblivion these wonderful showings and unearths the real secret of success in dairying—steady and persistent production throughout ALL the year of EVERY year of a LONG and USEFUL life. Profit and Guernsey are indeed found to be synonomous terms.

Massachusetts

Pinecrest Farm Buys Grandson of Imp. Itchen May King

I have recently purchased a fourteen months' old son of Florham May King 30935, his sire being the celebrated Imp. Itchen May King 25174 which heads the famous Edgemoor herd of California. My bull is

DAVIS, W. SCOTT, GRANTON, WIS.

Josie's Polly Anna 58481	F	17	Oct	452.3	5.25	23.75		
		47	Nov	666.6	5.25	35.00	1118.9	58.75
Mayflower of Spring Lake 54433	C	17	Oct	551.5	4.96	27.35		
		47	Nov	995.7	4.96	49.39	1547.2	76.74

DONNELLEY, REUBEN H., LIBERTYVILLE, ILL.

Imp. Folly Beauty 56524	G	287	Oct	375.8	5.80	21.80	4723.8	244.86
Lady Ellen Bush 40136	B	347	Oct	703.7	6.04	42.50	10067.4	487.68
Walter Maple Marjoria Golden Secret 52629	E	214	Oct	372.4	4.98	18.55	3068.7	176.55

DUPEE, WALTER H., SANTEE, CAL.

Imp. Bridesmaid of Edgemoor 58894	F	214	Nov	618.7	5.17	31.99	5334.1	249.58
Carmencita of Edgemoor 63561	G	17	Nov	350.7	4.38	15.36		
Coquette of Edgemoor 59522	G	16	Oct	373.4	4.23	15.79		
		46	Nov	641.0	4.89	31.34	1014.4	47.13
Imp. Damsel of Sarnia 58761	E	289	Oct	381.3	7.92	30.20		
		319	Nov	248.8	6.76	19.08	6853.8	381.09
Imp. Dawn of Sarnia 58773	C	29	Oct	1028.5	45.2	55.74		
Imp. Diamond's Milly of the Turquie 60615	D	263	Nov	688.4	5.28	36.35	6849.0	339.54
Imp. Donnington Jesebel 37080	A	224	Nov	908.8	6.01	54.62	9842.9	514.11
Imp. Grand Fort Pride III. 60614	D	365	Nov	750.6	5.79	43.46	12293.2	600.93
Hilda's Gay Lass of Edgemoor 50597	E	258	Nov	749.1	5.55	41.58	7514.5	350.51
Itchen May Rose of Edgemoor 59524	G	26	Sept	562.5	4.03	22.67		
		57	Oct	606.9	5.22	31.68		
		87	Nov	574.3	5.44	31.24	1743.7	85.59
Jesebel of Edgemoor 52584	F	279	Nov	801.7	6.97	55.88	10080.1	588.46
Jessy Rose of Edgemoor 52580	F	271	Nov	778.9	6.74	52.50	6976.7	414.73
King's Darling of Edgemoor 59521	G	22	Oct	522.3	4.61	24.08		
		52	Nov	716.7	4.74	33.97	1239.0	58.05
Mabel's Pride of Edgemoor 50594	E	31	Oct	1453.6	4.24	61.63		
		61	Nov	1417.5	4.34	61.52	2871.1	123.15
Imp. Petite of Edgemoor 59117	G	194	Nov	844.9	5.13	43.34	5849.7	271.71
Show Girl of Edgemoor 58898	F	244	Nov	690.7	5.57	38.47	6367.9	300.11
Imp. Snowdrop III. of Havilland 60641	E	309	Nov	827.1	6.94	57.40	11242.5	600.91
Veda of Chicona 56306	F	29	Sept	794.0	4.26	33.82		

EBY, MERVIN, WAKARUSA, IND.

Betridge of Lookwell Guernsey Farm 50822	E	220	Oct	490.2	6.07	29.76	5030.0	278.53
Dorothy Dimple of St. Joe Valley 39083	A	245	Oct	713.0	4.26	30.37	7465.4	316.72
Esther's Lassie of Norwood 2d 59136	G	255	Oct	376.2	4.70	17.68	5297.6	237.09
Hambro's Jewel of Crane Farm 60989	G	233	Oct	478.8	6.01	28.78	4915.4	247.96
Sweet Bell 44509	C	214	Oct	702.5	4.40	30.91	6795.3	327.56
The Duchess of Sunset Lodge 27684	A	220	Oct	640.9	4.68	29.99	6642.9	276.76

EVANS, N. W., OCONOMOWOC, WIS. 1 day test

Maria's Glenwood 3d 39018	A	250	Oct	571.3	5.91	33.76	7006.7	372.79

FESSENDEN, S. H., HOLLISTON, MASS.

Primrose of Rockstone 61468.	G	67	Nov	858.9	5.55	47.67	1897.4	103.54
Princess Christine of Rockstone 62014	G	61	Nov	783.7	4.71	36.91	1600.5	73.26
Triple Rose's May Queen 61126	B	77	Nov	1222.8	4.59	56.13	2922.5	130.41

FRANCE, JOSEPH I., PORT DEPOSIT, MD.

Eva of Elkview 57278	G	273	Oct	525.0	5.75	30.19	6189.5	313.90
Merry May Antonette 58778	G	195	Oct	431.1	5.70	24.57	3569.8	193.75

GILMAN, C. R., WAUKESHA, WIS.

Westmoreland Queen 46228	C	146	Sept	669.8	4.45	29.81		
		177	Oct	565.4	5.19	29.34		
		207	Nov	511.5	4.70	24.04	4744.8	203.39

GOFF, MOULTON B., STURGEON BAY, WIS.

Imp. Adelia of Linwood 48092	C	24	Mar	965.8	4.36	42.11		
		54	Apr	1243.1	4.36	54.20		
		85	May	1225.3	4.82	59.06		
		115	June	1192.1	5.54	66.04		
		146	July	1079.6	4.38	47.29		
		177	Aug	861.4	4.54	39.11		
		207	Sept	767.4	4.15	31.85		
		238	Oct	845.9	5.74	48.55		
		268	Nov	752.4	5.86	44.09	8933.0	432.30
Imp. Carlotta of Sarnia 50476	B	70	Apr	1197.5	4.43	53.05		
		101	May	1190.9	4.68	55.73		
		131	June	1094.5	4.76	52.10		
		162	July	1056.5	4.77	50.40		
		193	Aug	999.6	4.52	45.18		
		223	Sept	867.9	4.27	37.06		
		254	Oct	894.1	5.47	48.91	8910.2	429.81

Imp. Dart of Sarnia 66597	C	156	Apr	824.4	4.50	37.10		
		187	May	857.1	4.43	37.97		
		217	June	753.0	4.51	33.96		
		248	July	719.7	4.42	31.81		
		279	Aug	666.8	4.51	30.07		
		309	Sept	597.7	4.53	27.08		
		340	Oct	627.4	5.28	33.13	8396.7	363.93
Imp. Dunes of Sarnia 58754	D	71	Apr	999.8	4.30	42.99		
		102	May	928.4	4.39	40.76		
		132	June	834.7	4.89	40.82		
		163	July	792.7	4.21	33.37		
		194	Aug	702.5	4.45	31.26		
		224	Sept	617.4	4.53	27.97		
		255	Oct	697.3	5.12	35.70		
		285	Nov	711.4	4.71	33.51	7681.9	351.40
GORDON, L. E., Jr., NELSONVILLE, WIS.								
Juanita of Nelsonville 36629	A	20	Oct	568.4	4.31	24.50		
		50	Nov	1051.3	4.31	45.31	1619.7	59.81
Juanita's Ideal 55620	E	13	Oct	342.4	5.30	18.15		
		43	Nov	876.9	5.30	46.48	1219.3	64.63
Lady Jessie of Nelsonville 29989	A	14	Oct	533.1	4.77	25.43		
		44	Nov	1301.6	4.77	62.09	1834.7	87.52
HAARTZ, JOHN C., BOSTON, MASS.								
Lady Royal of Pomeroy 38173	A	315	Nov	609.2	5.35	32.59	11886.8	532.42
Royal's Pearl 45209	D	263	Oct	1041.7	5.49	57.19		
		293	Nov	1010.1	5.27	53.23	14806.9	677.07
HAMMOND, JOHN HENRY, MT. KISCO, N. Y.								
Enchantress of Dellwood 56697	G	347	Nov	609.6	5.85	35.66	9804.5	485.25
HASKELL, H. G., COSSART, PA. 1 day test								
Evelyn of Ostrich Farm 58931	F	86	Nov	661.2	5.27	34.85	1902.8	87.75
Tinka King 57888	F	120	Nov	563.9	4.28	24.13	2368.9	96.22
Imp. Violet II. of Hill Side 51167	B	6	Sept	154.0	4.74	7.30		
		37	Oct	672.2	4.74	31.86		
		67	Nov	615.7	4.93	30.35	1441.9	69.51
HENDERSON, J. W., BERKELEY, CAL.								
Kitchener's Clementine of Bella Vista 68061	G	365	Nov	454.6	4.08	18.55	13325.0	525.47
Kitchener's Golden Idelia of Bella Vista 56865	C	183	Nov	742.2	5.41	40.15	5912.7	264.93
Kitchener's Mabel of Bella Vista 67261	G	66	Nov	803.0	3.54	28.43	1879.7	70.53
Rancho Morning Rose 40298	B	365	Nov	82.3	5.49	4.52	10290.0	469.55
HILLS, E. E., SHREWSBURY, MASS.								
Belle of Bayside 39154	A	328	Nov	448.9	5.78	25.95	7516.9	417.47
Blanche of Bayside 44383	B	79	Oct	865.0	4.69	40.57		
		109	Nov	694.2	4.85	33.67	3068.9	155.01
Carwytham Queen 41121	A	256	Nov	975.4	5.24	51.11	9966.4	478.75
Carwytham Rosemary 41123	B	164	Nov	699.2	5.44	38.04	5087.0	253.21
Charity of Carwytham 53098	E	170	Nov	579.2	4.66	26.99	4206.8	188.83
Hillswold Mamie 53055	E	162	Nov	660.1	5.31	35.05	4639.6	229.43
Langwater Lady Fair 49697	E	298	Nov	473.8	5.18	24.54	5823.7	272.86
Pansy of Bayside 49324	E	236	Nov	567.8	4.66	26.46	6488.4	292.67
HOBBS, MRS. F. W., EAU CLAIRE, WIS.								
Imp. Excellencia X. 40383	A	265	Aug	524.4	5.71	29.94	6331.1	298.78
HOFFERBERTH, C. A., STERLING, VA. 1 day test								
Heartsease of Rich Neck 3d 60559	G	118	Nov	599.8	5.80	34.79	2649.0	147.10
HOLTON, MRS. GEORGE E., CATASAUQUA, PA. 1 day test								
Bess' Sequel's Kate Pie 42661	B	289	Nov	555.8	5.44	30.24	9053.8	421.03
Florham Bright 62695	G	61	Nov	728.0	4.22	30.72	1535.3	63.66
Florham Daphne 56565	G	273	Nov	596.8	5.38	32.11	7307.1	350.00
Florham Pretty 49792	D	175	Nov	563.9	4.97	28.03	4397.3	289.75
Sunderland's Salome 45989	B	61	Nov	965.2	4.31	41.60	2144.8	97.75
HOUGHTON, CLEMENT S., SHERBORN, MASS.								
Clotilde of Stannox 58140	G	244	Nov	373.0	7.32	27.30	5030.8	307.25
Edith of Graymont 25018	A	283	Nov	238.3	6.53	15.56	7655.6	405.16
Imp. Sequel's Christine of the Isle 48455	B	225	Nov	383.9	6.39	24.53	5741.2	298.87
HURLEY, WILLIAM M., ROCKLAND, MASS.								
Imp. Daisy of Bickleigh 48374	A	324	Nov	765.5	6.87	52.59	11648.6	613.14
Imp. Hartfield Rose of the Couture 8th 67882	E	122	Nov	665.6	4.98	33.15	3231.5	152.92
Jedetta's Queen of Iowa 52106	F	303	Nov	407.3	5.92	24.11	6285.5	323.15
Imp. Lisette VII. of the Bourg de Bas 61277	F	365	Nov	278.5	6.09	16.96	9042.8	480.07
Imp. Milton Moss Rose of Iowa 67874	E	296	Nov	566.2	6.47	36.63	8289.7	446.83

FROM THE GUERNSEY WORLD

very high class and is developing into a wonderful show bull. His dam is a daughter of May Rose IV. perfect ribbing and fine setting of tail, in fact perfect conformation. Next fall you are going to read an article in the GUERNSEY BREEDERS' JOURNAL of his bringing home the ribbon from the big show.

I have sold recently the show heifers, Robert's Dairy Maid of Dellwood 59739, also Princess of Brook Falls Farm 63962 to Messrs. Whitcomb and Hager of Littleton, Massachusetts.

—PINECREST FARM

The Year's Results at The Oaks Farm

The Oaks Farm of Cohasset, writes as follows: The year 1917 has been a very satisfactory year with us. Our show herd was exhibited at the five leading Eastern shows and won over 100 ribbons, three silver cups and more premium money than any other herd shown in the East this year.

We have been fortunate in being able to add a number of very high class animals to our herd during the past year, the most important of these being the wonderfully bred bull, Spotswood Daisy's May King 26772, he being a son of the great Langwater May King 13001, the sire of our May King of Linda Vista 17946, and out of the ex-champion cow of the breed, Spotswood Daisy Pearl 17696, which has a record of 18602 pounds of milk and 957 pounds of fat. With this addition we have at the head of our herd three outstanding bred May Rose bulls, all of which are sons of well bred May Rose cows with excellent records.

Among the females selected we value the great producing cow, Imp. Topsy de Carteret 35401, most highly we being able to secure her at the recent Fillmore Farms sale, shortly after which she dropped us a very promising heifer. Imp. Topsy de Carteret 35401 has an official record of 17691 pounds of milk and 780 pounds of fat. We have also recently been able to purchase from the Wendover Farms of New Jersey a half sister to Imp. Topsy de Carteret 35401 by the same sire, Iagoo II 2167 P. S. This cow, Imp. Melba IV. of les Blancs Bois 39312, has a four year old record of 12543 pounds of milk and 604 pounds of fat, is now on a re-

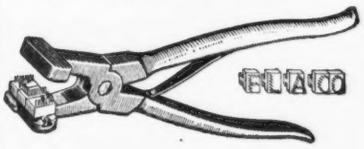
Announcement to Guernsey Breeders

The most improved and **only** lasting method of marking your cattle is with the

AUSTIN TATTOO EAR MARKER

Put Efficiency

Into your herd record keeping by tattooing your cattle with this efficient implement.



It affords the only means of identifying your cattle permanently—the tattoo mark.

PRICES:

EVERYTHING POSTPAID

1 Marker (3 letter size) . . . $3.25
1 Set numerals—0 to 9 . . . . 3.10
1 Tattoo ink stick 1.05
Complete alphabet (26 letters) 6.50
Extra letters or figures each .35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

LASTS FOR LIFE.

Our Guarantee — Our marker must please you or we will refund your money. You take absolutely no chances.

Orders filled promptly.

Write today, and make all checks payable to

The American Guernsey Cattle Club

PETERBORO, N. H.

INGALLS, G. R., EAU CLAIRE, WIS.

Imp. Dorothy of Sarnia 52787	D	245	Aug	562.9	5.33	30.00	6471.2	995.62

IOWA, STATE COLLEGE, AMES, IOWA.

Masher Lady of Ames 58846	G	26	July	544.8	3.74	20.38		
		57	Aug	648.2	3.72	24.11		
		87	Sept	570.6	4.22	24.08		
		118	Oct	535.5	4.75	25.44	2299.1	94.01
Rouge's Lily of Ames 58482	G	365	Nov	14.1	5.20	.73	8219.8	407.93

JAMES, A. C., NEWPORT, R. I.

Progress of Onunda 55248	F	68	Nov	835.9	4.94	41.29	1865.3	91.63
Raider Rose 55247	F	68	Nov	816.9	4.16	33.98	1884.9	79.37

JONES, WILLIAM M., WAUKESHA, WIS.

Castello's Beauty 24492	A	298	Oct	743.7	4.88	36.29		
		328	Nov	712.8	5.25	37.42	12097.0	577.43
Dora's Ada 22416	A	222	Sept	994.6	5.50	54.70		
		253	Oct	809.6	5.75	46.55		
		283	Nov	683.3	6.36	43.46	11356.6	615.90
Dora's Ada of Sunny Valley 59315	G	145	Oct	756.2	5.44	41.14		
		175	Nov	689.2	5.80	39.97	4745.2	247.43
Elizabeth's Beauty 28104	A	348	Oct	562.3	5.66	31.83		
		365	Nov	286.5	6.08	17.42	11006.1	533.72
Lady Tricksey of Waukesha 24491	A	310	Oct	704.2	5.85	41.20		
		340	Nov	650.6	5.99	38.97	11160.8	629.24
Lilly May Rose of Sunny Valley 59316	G	61	Oct	650.2	5.28	34.33		
		91	Nov	486.2	6.01	29.22	1854.1	98.57
Maria's Glenwood 2d 34061	A	251	Aug	1016.6	5.22	53.07		
		281	Sept	785.1	5.59	43.89		
		312	Oct	685.5	6.22	42.64		
		342	Nov	589.5	6.68	39.38	12340.5	625.40
Pearly of Sunny Valley 48733	E	239	Oct	397.7	5.04	20.04		
		269	Nov	299.7	5.22	15.64	7358.0	338.57
Imp. Rougette of les Fontenelles 26689	A	166	Oct	787.4	4.74	37.32		
		196	Nov	727.6	5.28	38.42	6426.0	297.36
Royaline's Dora 2d 50836	E	102	Oct	1036.9	5.36	55.58		
		132	Nov	905.9	5.49	49.73	4917.4	230.13
Royaline's Dora 3d 59317	G	96	Oct	654.2	5.67	37.09		
		126	Nov	547.1	6.02	32.94	2690.6	147.10

KANSAS STATE AGRICULTURAL COLLEGE, MANHATTAN, KANS.

Alphea's College Frances 65482	G	239	Oct	529.5	5.64	29.86	5514.6	276.83
Alphea's Duke's Meadow Pink 66974	F	64	Sept	569.9	4.96	28.27		
		95	Oct	591.2	4.91	29.03	1894.1	91.23
Glenwood's Alphea 52728	C	229	Oct	464.9	5.65	26.27	7206.7	337.49
Glenwood Rosa 25341	A	365	Oct	21.3	5.31	1.13	7802.0	392.31
Imp. Lucy II. of Corbinez 67016	G	365	Oct	326.7	6.23	20.35	8133.1	422.93

KINNEY, OSCAR F., ALBANY, N. Y.

Flossie of Waldorf Farm 67133	E	329	Nov	651.7	5.81	37.86	8995.7	473.51
Langwater Seamstress 40710	B	211	Nov	936.7	5.01	46.93	8234.6	380.82
Marcia of Waldorf Farm 67131	E	308	Nov	677.2	5.35	36.23	8480.4	411.71
Prophetess Fay of Waldorf Farm 70254	G	252	Nov	697.3	4.36	30.40	6200.8	259.52

KLEMM, RICHARD F., BARABOO, WIS.

Galaxy's Daybreak 39373	A	82	Oct	889.6	4.68	41.63		
		112	Nov	645.3	5.22	33.68	3476.1	168.45
Nankeen's Pet 49080	C	46	Oct	1150.0	5.41	62.22		
		76	Nov	1000.7	5.56	55.64	2684.6	139.80
Imp. Beauty's Pride IV. of Newgrove 54470	B	27	Oct	863.0	5.03	43.41		
		57	Nov	1015.9	4.93	50.08	1878.9	93.49

LANEY, J. H. & SON, DOUSMAN, WIS. 1 day test

Rhea's Queen of Oak Knoll 57657	F	114	Aug	780.1	4.46	34.79		
		144	Sept	720.1	4.68	33.70		
		175	Oct	651.4	5.53	36.02	4384.9	210.00
Vera of Sunnyside 45275	D	328	Oct	432.5	6.76	29.24	7705.6	405.97

LEHMANN, E. E., LAKE VILLA, ILL.

Imp. Darby's Queen 36669	A	214	Oct	820.1	5.18	42.48	7520.7	354.88
Dolly of Sharon 67498	D	61	Oct	1058.9	4.57	48.39	2206.2	94.28
Gay Lad's Beauty of Sunnyside 48346	D	245	Oct	602.5	5.66	34.10	6413.4	326.54
Silver Bell of the Glen 40523	B	344	Oct	521.2	5.84	30.44	8914.4	473.64

LORD, CHARLES E., WELLS, MAINE

Imp. Bonita II. of les Bordages 39576	A	252	Nov	378.6	5.72	21.66	9005.6	461.15
Pedusa of the Elms 37155	A	203	Nov	362.2	5.53	20.03	4257.4	236.44
Quartette of the Elms 45194	D	349	Nov	364.9	5.42	19.78	6877.2	380.18

LORING, ALBERT C., MINNEAPOLIS, MINN.								
Celestine's May Rose 55650	F	41	Nov	878.3	4.71	41.37	1191.7	54.60
Rosalie of Woodend 39337	B	265	Oct	1071.5	5.87	62.90		
		295	Nov	904.8	6.09	55.10	11252.4	621.54
Sunbeam's Dawn 5th 37791	A	270	Nov	638.0	4.84	30.88	9135.1	421.10
McALPIN, D. H., MORRIS PLAINS, N. J.								
Archeen 36261	A	227	Nov	804.3	4.11	33.06	7153.5	260.09
Daisy of the Chene 45583	C	227	Nov	692.9	4.49	31.11	6781.6	271.80
Masher's Antoinette 36940	A	214	Nov	615.5	4.70	28.93	6092.9	253.08
McNAGNY, ROB. R., COLUMBIA CITY, IND.								
Jolie of Ulao 50832	D	73	Nov	584.2	6.28	36.69	1630.1	87.05
Rosy of Ulao 40128	A	194	Nov	623.0	4.88	30.40	5873.5	239.61
MARKHAM, W. G., AVON, N. Y.								
Barbaretta of Rib Hill 48632	E	286	Nov	481.8	6.20	29.87	7440.4	377.16
Belle of Canandaigua 44832	C	303	Nov	563.1	6.09	34.29	10124.7	511.80
Miss Jessie France 62012	G	13	Aug	327.1	4.03	13.18		
		43	Sept	879.7	4.03	35.45		
		74	Oct	751.8	5.20	39.09		
		104	Nov	630.2	4.73	29.81	2588.8	117.53
Pancha of Farmington 58132	G	301	Nov	578.9	5.98	34.62	7601.7	383.24
Regina of Esker View 63829	G	17	Aug	296.8	4.35	12.91		
		47	Sept	489.0	4.35	21.27		
		78	Oct	398.3	5.38	21.43		
		108	Nov	305.2	5.75	17.55	1489.3	73.16
MARYLAND AGRICULTURAL EXPERIMENT STATION, COLLEGE PARK, MD.								
Elfleda of Haddon 36575	A	23	Sept	892.9	4.00	35.72		
		54	Oct	1256.8	3.87	48.64	2149.7	84.36
MASSEY, LUCIEN E., MILLINGTON, MD.								
Wilhelmina of Oak Hill 46326	C	7	Oct	237.7	3.98	9.46		
		37	Nov	1046.0	3.98	41.63	1283.7	51.09
MEODE, WILLIAM, WAUKESHA, WIS.								
Sweet Alice of Norwood 2d 59135	G	197	Oct	470.3	5.70	26.81		
		227	Nov	420.7	5.12	21.54	5825.0	263.12
MILLER, JOHN A., NAZARETH, PA.								
Arbutus of Harriton 58440	G	214	Nov	656.9	5.19	34.09	4791.4	238.08
Bud of Willow Brook 35382	A	179	Nov	799.3	6.96	55.63	6918.2	340.51
Fantinelily King 47932	C	167	Nov	1130.6	4.31	48.73	6105.7	263.08
Fan Woodburn 25026	A	214	Nov	679.3	4.98	33.83	6165.8	273.93
Gaiety's Daisy 48590	E	279	Nov	583.3	6.24	36.40	7173.4	371.36
Golden Butterfly of Ewing 58209	G	279	Nov	469.8	5.65	26.54	4425.9	238.39
Golden Rod of West View 38934	A	176	Nov	930.9	5.79	53.90	6249.1	340.49
Hildesheimess 2d 35103	A	315	Nov	857.5	4.87	41.76	10692.4	478.84
Melora 31008	A	167	Nov	990.7	4.94	48.94	5580.6	266.50
Imp. Polly of Vimiera 75402	G	61	Nov	815.5	4.10	33.44	1561.2	69.61
Rockingham's Lady Ponchez 44294	C	264	Nov	672.3	5.23	35.16	8083.4	379.56
Sequel's Fantinelily 2d 53723	E	142	Nov	1138.1	3.59	40.86	5141.5	190.99
MITCHELSON, ARIEL, TARRIFFVILLE, CONN.								
Imp. Alexandrina 19th 65698	G	365	Nov	123.2	4.99	6.15	7803.2	363.10
Imp. Carrie of Clovelly 67000	F	324	Nov	352.7	4.47	15.77	6531.7	287.59
Imp. Daisy III. of La Moinerie 69279	F	264	Nov	665.6	5.06	33.68	7090.9	337.38
Imp. Donnington Fawn 4th 59864	D	323	Nov	398.4	5.21	20.72	5817.2	275.85
Imp. Primrose of Myrtle Place 65767	G	262	Nov	373.0	6.34	23.65	4522.2	260.25
MIXTER, EST. GEORGE, HARDWICK, MASS.								
Chief's Bettie 48401	A	94	Nov	900.1	4.98	44.82	3274.7	171.06
Chief's Frieda 54265	B	139	Nov	826.7	4.76	39.35	4796.6	219.56
Duchess Ruth 47060	A	365	Nov	345.8	6.41	22.17	13095.0	701.20
Duchess Select Rose 55343	A	12	Oct	346.9	5.18	17.97		
		42	Nov	917.1	5.18	47.51	1264.0	65.48
Hardwick Nun 48407	A	191	Nov	541.7	4.99	27.03	4725.9	235.82
Mary Ann of Mixter Farm 46983	A	365	Nov	70.8	5.54	3.92	9021.4	452.21
Mixter Elsie 48385	A	318	Nov	730.5	5.10	37.26	11216.2	523.39
Mixter Fairy 54263	B	256	Nov	700.3	4.70	32.91	7657.9	350.25
Mixter Faith 48711	A	82	Nov	1023.9	5.30	54.27	2773.0	137.87
Mixter Felois 48402	A	200	Nov	617.3	6.11	37.72	5116.8	277.63
Mixter Gemina 62958	E	77	Nov	643.6	5.08	32.69	1671.3	84.38
Mixter Geraldine 53580	A	234	Nov	567.3	6.04	34.26	6462.6	336.27
Mixter Gordon Dean 62983	F	111	Nov	649.2	4.82	31.29	2553.5	112.94
Mixter Lara 58058	D	176	Nov	764.2	4.32	33.01	5638.8	238.04
Mixter Mabel 59804	E	236	Nov	668.4	5.04	33.69	6465.9	320.57
Mixter Mabel of Hardwick 59805	E	275	Nov	440.6	5.08	22.38	6921.1	344.52
Mixter May Dean 62941	E	202	Nov	632.5	4.99	31.56	4813.1	220.50
Mixter Nan 48406	A	182	Nov	868.7	5.79	41.61	6113.1	284.38
Mixter Nedelka Dean 62984	G	192	Nov	500.2	4.85	24.26	4022.6	199.14
Mixter Oakleaf 48419	A	218	Nov	830.6	5.54	46.02	7201.5	347.63
Mixter Queen of Hardwick 62966	F	272	Nov	588.0	4.46	26.22	6981.4	306.48
Mixter Vale 58042	B	112	Nov	807.3	4.48	36.17	3509.4	152.54

FROM THE GUERNSEY WORLD

test and milking up to sixty-seven pounds a day. Some of the other well bred females added are Noblesse 3d 37942 with a record of 717 pounds of fat; Novice Masher 33365 with 707 pounds of fat; eight daughters of Spotswood Daisy's May King 26772, one of which, Miss Spotswood of A. D. F. 66091 was five times junior champion this fall at the shows; and nine females from the Morton herd at Springville, New York.

The demand for Guernseys, both males and females has been gratifying to us, showing that notwithstanding the serious condition that the country is facing, breeders and farmers are still desirous of obtaining better herd sires to increase the production of their herds.

We have sold a number of very valuable animals, among some of the largest sales were six head of females and a young sire to Frederick S. Peck of Providence, Rhode Island; and six head of females to Henry J. Krebs of Wilmington, Delaware. These were personally selected by W. W. Blake Arkoll, Manager for Mr. Krebs. Among this selection was a daughter of the great bull, Governor of the Chene 1297 P. S., an in-bred Golden Secret cow and two very fine heifers by Imp. Clatford Hero 2d 22240. Two cows were sold to John McCormick, the noted Irish singer for his country place in Connecticut. Four cows and a herd sire went to F. L. Howes, Groton, Massachusetts, the sire being a son of Imp. Goldseeker of Anna Dean Farm 26106 and out of Cottina of Anna Dean Farm 33306 a 700 pound cow. This was a very promising bull and being used where he is, ought to add fame to the Golden Secret family. A large growthy son of Langwater May King 13001 went to F. A. Prince of Sharon, Massachusetts. This bull was not only well bred but a fine individual, and won the blue ribbon at the Brockton Fair this fall in the yearling class, and was junior champion. Mr. Prince is to be congratulated on securing a son of the great bull. A son of Jethro Sequel 18517 was sold to Oliver N. Rose of Greene, Maine. This bull is a half-brother to our great show heifer, Reddy Maid of Westwood 56744 and like his sister is a show animal, being grand champion at one of the leading Maine

fairs. Another son of Jethro Sequel 18517 was shipped to A. E. Hayes, Demopolis, Alabama, who was greatly pleased with his purchase and his dealings with us. A number of other bulls were shipped to various parts of the country, the most promising of these being a son of Don Iago of Linda Vista 28387 which was shipped to H. E. Newcomb to head his large herd at Garrat Park, Maryland.

Michigan

Breeders, Watch Your Experiment Station Herds

I never thought much about Guernseys before but recently while attending a meeting of milk producers at Lansing my attention was called to a member of a herd owned at the Agricultural College farm.

The animal I have reference to was a bull, I would judge to be three years old. He was an outstanding individual and showed such marked dairy type that I made up my mind maybe there were other cattle in the world besides Holsteins.

—Jay F. Bowlley

New Hampshire

Government Official Recognizes Quality in Guernsey Product

Cream produced by the Guernsey herd of A. B. Sawyer, Lakeport, and exhibited in the dairy products contest held in connection with the Dairymen's Convention, Laconia, December 19-21 was awarded first prize for its excellence in color, flavor, and quality. The cream was scored 98.7 points by M. P. A. Sondergaard, an expert dairy products judge of the Federal Dairy Division.

No unusual precautions were taken to obtain cream for the contest. Mr. Sawyer reports that the stables were cleaned and aired, the cows were brushed, the milk strained, separated and the cream cooled in a Cooley can. The bottles were thoroughly cleansed as usual and a sample of cream from from one milking was entered in the contest.

Mr. Sawyer has a herd of fifty Guernseys three of which are pure breds and the remaining being grades. He retails cream and skim milk to select customers in Laconia, and receives for his cream fifty cents a quart and twenty-eight cents a pint; for skim milk five cents a quart and twenty-eight cents for an eight quart can.

HOARD'S DAIRYMAN

A WEEKLY JOURNAL DEVOTED TO DAIRY FARMING

Put Your Dairy On a War-Time Basis

EXPORTS of dairy products, notably cheese and condensed milk, have increased by leaps and bounds. This new market will broaden for years to come. Then, too, the scarcity of meats has greatly stimulated the demand at home. This is the time to establish your dairy on a paying basis. But feeds are high and help is scarce. To succeed, the dairy farmer must plan carefully and use modern methods. You need Hoard's Dairyman. It comes to your home every week as an experienced friend and counsellor. Forage and cereal crops, balanced rations, production and care of milk, the breeding and feeding of dairy cattle, soil fertility, rotation of crops, alfalfa—these are a few of the vital subjects that are discussed directly and simply, meeting the needs of the beginner and the veteran dairyman. Hoard's Dairyman is *the* recognized authority on all dairy matters.

Special "Get-Aquainted Offer"

We want you to prove for yourself the value of Hoard's Dairyman to your business. Send 25 cents for 4 months' trial subscription—17 issues. Or, if you prefer, send a dollar bill, for a full year's subscription. In either case, we'll return your money if not fully satisfied. Write today.

HOARD'S DAIRYMAN
Box G Fort Atkinson, Wis

Hoard's Dairyman, Box G, Fort Atkinson, Wis.
Enclosed is 25c for which please send me Hoard's Dairyman for 17 weeks in accordance with your trial offer.
Name.....
Town.....
State.....
R. F. D.....
(Write Plainly)

Mixter White Spot 62942	E	211	Nov	610.0	5.76	35.14	5696.6	294.28
Norfolk Wasp 48424	A	113	Nov	833.0	4.53	37.73	3599.5	147.30
Thirty Thousand Six Hundred Ten 30610	A	203	Nov	915.1	4.37	39.99	7133.8	293.30
Thirty Thousand Six Hundred Seventy One 30671	A	341	Nov	784.5	5.08	39.85	11893.9	562.62
Thirty Thousand Six Hundred Seventy Six 30676	A	365	Nov	123.7	5.40	6.79	11160.4	539.32
Thirty Thousand Six Hundred Seventy Eight 30678	A	152	Nov	938.7	4.75	44.59	5343.2	232.13
Thirty Thousand Eight Hundred Twenty Four 30824	A	327	Nov	578.5	5.69	32.92	9932.8	510.10
Thirty Thousand Eight Hundred Thirty Five 30835	A	231	Nov	844.7	5.16	43.59	8168.2	386.77
William's Nobska 54246	A	168	Nov	786.8	5.15	40.62	4779.2	236.90
Yeoman's Mixter Bluebird 62979	G	288	Nov	484.7	5.41	26.22	6313.5	332.86
Yeoman's Mixter Germania 62982	F	146	Nov	582.2	5.04	29.34	3523.4	165.88
Yeoman's Mixter Laramie 62980	G	136	Nov	635.2	4.74	30.11	3427.5	163.32
Yeoman's Mixter Melody 65856	F	9	Oct	217.7	5.05	10.99		
		39	Nov	861.9	5.05	43.53	1079.6	54.52
Yeoman's Mixter Trilby 62950	D	21	Oct	408.6	4.76	19.45		
		51	Nov	750.3	4.76	35.71	1158.9	55.16
MOODY, MARK H., WATERBURY, VT.								
Betty Masher Hope of Winnisquam 51881	F	334	Sept	451.3	4.76	21.48	7421.2	324.41
Dolly Masher of Winnisquam 51882	F	244	Sept	472.6	4.63	21.88	5666.3	252.79
Flossie of Bonny Mead 36246	A	223	Sept	498.0	5.77	28.73	5054.9	270.39
Hester of Bonny Mead 35302	A	244	Sept	49.3	6.63	3.27	4855.2	244.33
Lady Hectoria's Winnisquam Lass 51879	F	357	Sept	327.0	5.73	18.74	6076.8	300.42
Martha Winn 45271	D	299	Sept	581.2	4.77	27.72	7956.1	343.83
Mollie H. Hope of Coldwell 26764	A	244	Sept	516.6	5.38	27.79	5919.7	308.22
Mollie Hope's Lesbia Pet of Winnisquam 55618	F	143	Sept	696.5	5.37	37.40	3535.4	177.61
Nancy of Bonny Mead 46864	D	357	Sept	683.6	5.51	37.67	7088.5	363.46
Queen Masher of Winnisquam 51880	F	304	Sept	439.1	5.06	22.22	6731.6	319.04
Rita's Lesbia Princess of Winnisquam 55619	F	98	Aug	734.5	4.77	35.04	2600.3	119.54
Theda of Bonny Mead 53078	F	310	Sept	429.5	6.27	26.93	5453.7	299.78
Trophy's Gem of Bonny Mead 35301	A	244	Sept	268.7	6.43	17.28	3890.6	231.84
Valverda 18673	A	242	Sept	455.6	6.45	29.39	4746.7	251.07
MOSELEY, F. S., NEWBURYPORT, MASS.								
Duchess May of Maudesleigh 33162	A	244	Nov	878.0	5.09	44.69	10145.7	472.02
Duchess Royal of Maudesleigh 62317	G	181	Nov	619.5	5.89	36.49	4727.6	270.68
Royal Bo Peep of Maudesleigh 54847	F	183	Nov	623.7	5 35	33.37	4694.4	236.98
MUNRO, THOMAS H., CAMILLUS, N. Y.								
Fanny of Applecot 44595	D	174	July	826.2	4.56	37.67		
		205	Aug	585.9	6.16	36.09		
		235	Sept	265.8	5.83	15.50		
		266	Oct	29.5	5.83	1.72	6852.4	335.23
May King's Beatrice 55764	G	258	July	554.2	5.11	28.32		
		289	Aug	535.4	5.24	28.05		
		319	Sept	533.0	5.35	28.52		
		350	Oct	458.0	4.70	21.53		
		365	Nov	121.2	4.70	5.70	7460.9	364.26
Miss Snub 45855	C	91	July	760.9	3.86	29.37		
		122	Aug	698.9	4.40	30.75		
		152	Sept	650.4	4.70	30.57		
		183	Oct	586.0	4.15	24.32		
		213	Nov	412.7	4.82	19.89	4937.8	210.73
Primrose Junie 47350	E	334	July	477.2	4.58	21.86		
		365	Aug	433.8	4.96	21.52	7249.2	345.67
Sarah of Applecot 44594	D	171	July	502.8	4.74	23.83		
		202	Aug	451.7	5.24	23.67		
		232	Sept	382.5	5.87	22.45		
		263	Oct	345.4	5.06	17.48		
		293	Nov	295.5	5.37	15.87	5485.2	282.31
NEW HAMPSHIRE COLLEGE, DURHAM, N. H.								
Goldfinch of the Glen 29560	A	230	Nov	716.7	3.78	27.09	8056.4	311.55
Lena of the Glen 49444	E	242	Nov	465.9	4.89	22.78	6519.4	296.04
NORTH DAKOTA AGRICULTURAL COLLEGE, FARGO, N. D.								
King Masher's Martha 60161	G	101	Nov	726.6	4.57	33.21	2523.7	116.26
King of the May's Faye 46794	B	70	Nov	1120.1	4.49	50.29	2779.9	122.96
OREGON AGRICULTURAL COLLEGE, CORVALLIS, ORE.								
Freesia's Corona Lass 43050	C	354	Nov	462.7	4.94	22.86	8720.4	377.93
Freesia's Corona Lass of Iowa 55903	G	365	Nov	14.7	5.26	.77	6711.2	297.97
PERSON, E. S., MINOT, N. D. 1 day test								
Lady Glenwood of Minot 59312	G	244	Nov	453.9	6.21	28.19	5404.5	291.23
May Queen of Pomeroy 57443	G	340	Nov	410.4	7.11	29.18	8243.8	444.82
Imp. Raymond's Sweet Maid 50304	B	190	Nov	738.6	5.48	40.48	6521.9	323.52

FROM THE GUERNSEY WORLD

Mr. Sawyer has not been in the pure bred business very long but he is a reader of the GUERNSEY BREEDERS' JOURNAL, studies Guernsey pedigrees, and satisfies his customers. He is of the type that will be heard from frequently.

North Carolina

After Fifteen Years of Blindness He Now Sees

I have been breeding Jerseys fifteen years and despise a quitter, but would really like to give the Guernseys a try-out. They seem to be a little more rugged, a little better in size and producers of gilt edge articles.

—W. D. NOUTMAN

Pennsylvania

Guernseys Lead in Creamery District

Hugh Fergus, Grove City, a Guernsey breeder and secretary of the Grove City Guernsey Breeders' Association, received a check for $223.75 for cream sold to the creamery in the month of November. This was the largest check given to any one patron and exceeds by $45 the one next to it.

Pencoyd Farm "Doings"

That the Guernsey breeders appreciate the good work being done by our cows on Advanced Register test is evident by the large number of inquiries we are receiving for bulls. We have just sold the young bull, Pencoyd's Secret Marose to Peapacton Farms, Far Hills, New Jersey, owned by Mr. and Mrs. R. Stuyvesant Pierrepont. Peapacton Farms has made an excellent beginning in Guernseys, having secured their foundation animals, which are practically all of May Rose breeding, from the James Estate herd at Madison, New Jersey. The present herd sire is Rose King of Onunda 26462, which is sired by May Rose King 2d 13130, recently sold for $2000 to J. M. Fox at the Woodend Farm sale, and is out of Rutila-Sheet Anchor cow. Mr. Pierrepont is planning to breed Pencoyd's Secret Marose which carries twenty-one per cent. of the May Rose blood, to the daughters of Rose King of Onunda 26462 and thereby perpetuate and intensify the May Rose

blood through Imp. Golden Secret 12599 and Imp. May Rose King 8336. Advanced Register work will be started at Peapacton just as soon as the daughters of Rose King of Onunda 26462 come in milk.

We have also sold Lilyvale's Jessie of Pencoyd 41258 to Eugene Morphy, who is starting a herd in Dayton, Tennessee. This cow is a daughter of Imp. Golden Secret of Lilyvale 10028 and should make a valuable addition to the Morphy herd. For a herd sire Mr. Morphy has purchased Linden Lad of Harbor Hill 39247 a wonderfully bred Imp. Masher's Galore 8572 bull, and his blood should nick well with that which Lilyvale's Jessie of Pencoyd 41258 carries.

Canada is also getting into the Guernsey game, and it has been our pleasure to sell a bull to the McSloy Brothers, who are starting a herd at St. Catharines, Ontario. The bull they selected is a son of Langwater Pencoyd 21830 A. R., and out of Clover of Pencoyd 2d 35083 which has just completed a record of 16127 pounds of milk and 821 pounds of fat, being the largest record in the state of Pennsylvania for the year just closed. This bull should certainly do well in the Martindale Farms herd, as both his dam and sire, and in fact all the animals back of him on both sides for several generations, are of the very highest standard.

Our cows are all doing nicely, and we expect to finish up a number of big records this spring, among them Nella Jay 4th 38233, which will come very close to making 1000 pounds of fat. Her sister, Nella Jay 3d 35082, is going along most consistently and has a good chance to get over the 800 pound mark. Another daughter of Imp. Golden Secret of Lilyvale 10028, running in class D, is going fairly strong, and will undoubtedly go well over 700 pounds of fat. Several more are about half through their records and will be heard from later on.

Virginia

Virginia Polytechnic Institute Purchases Guernseys

The Virginia Polytechnic Institute has purchased from the Rosni Stock Farm, owned by Frank S. Walker of Woodberry Forest, Virginia, a Guernsey heifer and two year old bull.

The bull is sired by Aimable's Columbus of Oak Ridge 26945 on of the most successful show bulls that Oak Ridge Farm has ever shown.

PIERCE, A. J., BENNINGTON, N. H.								
Imp. Blanche Heba of Les Pelleys de Bas 69268	E	92	Oct	763.6	5.80	44.29		
		122	Nov	527.1	5.98	31.52	3099.4	172.83
Imp. Governess of Pleinmont 69292	G	31	Oct	805.2	5.27	42.43		
		61	Nov	532.2	5.34	28.42	1337.4	70.85
PYNE, PERCY R., BERNARDSVILLE, N. J.								
Chaperone of Upton Pyne 54222	G	315	Nov	670.9	6.15	41.26	8896.9	464.19
Irene of Upton Pyne 54220	G	345	Oct	691.2	5.84	40.37		
		365	Nov	370.9	6.23	23.11	8574.3	491.52
ROBERTS, T. W. & I. W., BALA, PA.								
Clover of Pencoyd 2nd 35083	A	359	Nov	1217.7	5.69	69.29		
		365	Dec	237.1	5.69	13.49	16127.1	821.63
Clover of Pencoyd 3d 48274	D	237	Oct	1278.6	6.25	79.91		
		267	Nov	1104.2	7.02	77.51	11560.1	622.12
Golden Maple of Pencoyd 31296	A	31	Oct	1281.1	5.34	68.41		
		61	Nov	1190.1	5.12	60.93	2471.2	129.34
Little Nell of Pencoyd 49195	D	132	Nov	1296.9	4.49	58.23	6389.3	271.75
Nella Jay 3d 35082	A	266	Nov	1243.9	5.29	65.80	13097.3	602.01
Nella Jay 4th 38233	A	244	Nov	1602.1	5.14	82.35	14250.0	679.01
Nella Jay 7th 62540	F	153	Nov	1056.8	4.57	48.30	5438.3	244.03
Nora of Pencoyd 38923	A	8	Oct	324.8	5.11	16.60		
		38	Nov	1202.8	5.11	61.46	1527.6	78.06
Pencoyd Rose 42432	C	253	Nov	800.8	5.63	45.09	10977.9	468.30
Quaker Maid of Pencoyd 24233	A	75	Nov	1678.7	4.51	75.71	4164.7	196.78
Queen of Salemtown 2d 23371	A	77	Nov	1515.3	5.21	78.95	3846.1	184.77
Queen Salem of Pencoyd 62539	D	153	Nov	1059.8	5.91	62.63	6016.5	296.03
Red Rose of Pencoyd 36494	A	203	Nov	794.9	5.18	41.18	6883.9	319.46
Red Rose of Pencoyd 2d 62132	D	151	Nov	1288.5	4.65	59.92	6604.8	277.42
Rose of Pencoyd 27300	A	165	Nov	1439.8	5.59	80.48	8045.5	394.64
ROSE, OLIVER N., GREENE, MAINE								
Bell of Monmouth 19080	A	237	Sept	524.8	5.48	28.76		
		268	Oct	493.2	5.83	28.75		
		298	Nov	397.6	6.25	24.85	6362.5	318.47
ROTHWELL, JAMES E., COTUIT, MASS.								
Lady Dolly of Rosemead 36567	A	153	Nov	919.7	4.49	41.29	4445.6	195.93
Lady May of Rosemead 61032	G	30	Nov	826.4	4.26	35.20		
Imp. May Queen of Duvaux III. 65756	F	171	Nov	999.1	5.40	53.95	5865.9	290.52
SCOVILLE, ROBERT & HERBERT, TACONIC, CONN.								
Eureka of Grasslands 54759	G	346	Oct	758.8	4.03	30.58		
	G	365	Nov	456.4	4.03	18.39	10762.2	439.24
Grasslands Liliana 73375	G	207	Oct	688.9	4.77	32.82		
		237	Nov	610.9	5.39	32.93	6113.5	274.84
Mary Girl 72827	F	190	Oct	577.7	5.04	29.12		
		220	Nov	441.0	5.69	25.09	4571.3	213.92
SEARS, EDMUND H., WAYLAND, MASS.								
Janet of Indian Bridge 53524	F	275	Nov	536.0	5.59	29.96	6289.5	322.74
SHIPMAN, LOUIS EVAN, PLAINFIELD, N. H. 1 day test								
Lady Ella of Cottage Hill 55218	G	359	Nov	402.5	5.89	23.71		
		365	Dec	73.0	5.93	4.33	7788.7	416.08
SHOEMAKER, S. M., ECCLESTON, MD.								
Charmante's Delight of Ellenwood 50497	C	280	Oct	701.8	5.21	36.56	8473.7	436.43
France's Glen Rose 34637	A	254	Oct	892.0	5.06	45.14	9607.4	491.69
Gracieuse May Rose 51704	E	307	Oct	463.4	4.50	20.85	7437.1	353.66
King's Daisy of Guernsey Home Farm 57928	G	31	Oct	802.4	4.34	34.82		
Lady Lavender 55604	G	365	Oct	461.5	4.51	20.81	9215.6	416.55
Lady Rea 51922	F	319	Oct	547.0	5.42	29.65	7379.8	377.67
Lindarose of Guernsey Home Farm 57746	F	17	Sept	469.3	4.52	21.21		
		48	Oct	998.2	4.38	43.72	1467.5	64.93
Ma Chere Cecile 55850	G	365	Oct	371.8	4.96	18.44	8693.6	405.95
Ma Chere Golda 55853	G	365	Oct	468.4	3.71	17.38	8897.8	384.92
Ma Chere Milk Maid 55852	F	207	Oct	647.7	5.26	34.07	4891.1	250.05
Ma Chere Topsy 55854	G	307	Oct	792.3	4.55	36.05	9096.6	421.26
Margaret May Rose 51132	F	352	Oct	311.1	6.54	20.35	6578.1	373.55
Pinehurst Golda 41878	B	365	Oct	439.6	4.40	19.34	8830.5	437.81
Queen Celia 42968	B	245	Oct	1065.4	4.44	47.30	9557.4	451.62
Ultra's Grace 59482	F	21	Oct	655.8	4.31	28.26		
Wampanosea's Queen 57748	G	21	Oct	652.1	4.56	29.74		
SHOOK, GEORGE F., SPRING MILLS, PA. 1 day test								
Mabel's Princess of Glendale 57225	G	239	Oct	439.4	5.71	25.09	4962.0	248.76
Woodlawn's Mabel 28847	A	335	Oct	312.5	5.92	18.50	9232.0	449.63
Woodlawn's Cora 2d 40426	B	346	Oct	935.2	4.61	43.11	8873.6	428.59
Woodlawn's Molly 28854	A	211	Oct	713.4	4.74	33.82	6253.0	272.54
STEVENS, MRS. FRANCIS K., GLADSTONE, N. J.								
Bethelan 2d's Second Daughter 44958	C	240	Nov	550.7	6.60	36.35	6245.0	328.02
Marcia of Upton Pyne 46316	D	282	Nov	546.7	5.10	27.88	7000.5	309.30

STONE, C. A., PLYMOUTH, MASS.								
Sir Elmwood's Mary K. 54911	F	244	Nov	363.1	6.13	22.26	3462.3	194.77
STONE, GEORGE C., TWIG, MINN.								
Caribou Bettina 56788	G	358	Nov	563.0	4.79	26.97	7370.7	338.65
Caribou Chosan 56790	G	183	Nov	739.8	4.19	31.00	4999.2	199.46
Caribou Petite 58667	G	183	Nov	599.1	4.86	29.12	4320.6	200.57
Darthea's Obasan 54583	E	365	Nov	81.6	3.51	2.86	9904.3	386.47
Holden's Alberta 52324	E	244	Nov	905.7	5.32	48.18	8024.7	402.53
Katonah's Bella Donna 42572	C	365	Nov	76.4	5.30	4.05	7294.9	347.86
Katonah's Betty 41257	B	310	Nov	1086.5	3.95	42.92	13367.6	556.95
Katonah's Penelope 38316	A	257	Nov	828.9	4.52	37.47	9111.4	398.01
Katonah's Regina 42575	A	18	Sept	784.3	3.99	31.29		
		49	Oct	1580.0	3.39	53.56		
		79	Nov	1595.4	3.89	62.06	3959.7	146.91
Katonah's Sweet Briar 42574	A	31	Oct	1299.0	4.51	58.58		
		61	Nov	1166.3	4.22	49.22	2465.3	107.80
King's Alberta 33788	A	9	Sept	402.4	5.15	20.72		
		40	Oct	1585.1	4.72	74.82		
		70	Nov	1430.8	4.90	70.11	3418.3	165.65
Pearl of Green Lodge 60199	G	78	Oct	789.5	3.83	30.24		
		108	Nov	745.0	3.87	28.83	2769.2	109.01
Imp. Primrose of the Vrangue III. 46433	C	232	Nov	1010.5	5.19	52.44	9210.0	451.48
STRAWBRIDGE, MRS. E. W., MOORESTOWN, N. J. 1 day test								
Golden Yellow Rose 36665	A	214	Nov	650.7	5.62	36.57	6447.0	291.81
Jedettine of Pinehurst 2d 55394	G	334	July	280.9	5.46	15.34	5584.3	269.29
Pinehurst's Mollie Rose 54183	E	133	Sept	729.3	4.05	29.54		
		164	Oct	560.2	4.71	26.39		
		194	Nov	422.8	3.93	16.62	5006.7	217.41
Pinehurst's Pride 54183	E	131	Nov	410.4	5.45	22.37	2755.3	130.63
SUTCLIFFE, H. C., BLACK EARTH, WIS.								
Harriet of Little Platt 59806	G	5	Sept	74.7	4.37	3.26		
		36	Oct	876.4	4.37	38.30		
		66	Nov	786.5	4.37	34.37	1737.6	75.93
Imp. Princess Victoria of the Isle 36408	A	10	Oct	218.9	4.74	10.38		
		40	Nov	932.2	4.74	44.19	1151.1	54.57
Sally Stranford 61426	B	6	Sept	112.0	5.68	6.36		
		37	Oct	1156.3	5.68	65.68		
		67	Nov	948.9	5.68	53.90	2217.2	125.94
THROOP, BENJAMIN H., ELMHURST, PA.								
Imp. Daisy II. of La Moinerie 61250	E	351	Nov	342.1	6.13	20.97	7381.4	419.51
Emblem's Polly of Elmview 54556	G	334	Nov	437.6	5.66	24.77	6673.0	321.00
Imp. Langlois Lily II. 61242	D	291	Nov	740.7	5.17	38.29	9091.5	432.02
Rockingham's Lily of Elmview 45616	B	11	Nov	315.6	4.23	13.35		
Rosette of Elmview 54554	G	365	Nov	492.2	6.68	32.88	7288.8	425.35
Imp. Rosette V. of the Gron 35784	A	355	Nov	473.4	5.92	28.03	10536.0	534.07
Imp. Simone II. of the Couture 61263	E	297	Nov	666.1	4.26	28.38	9140.9	404.15
TIMMINS, GEORGE H., WARE, MASS.								
Lady Grayling of Mixter Farm 47065	A	365	Nov	387.1	5.71	22.10	8953.9	458.27
Mixter Georgianette 54258	A	112	Nov	558.2	4.84	27.02	2233.4	103.15
Mixter Laretta 48408	A	322	Nov	489.4	5.51	26.97	9001.6	470.06
Thirty Thousand Six Hundred Sixty Six 30666	A	3	Aug	88.8	3.66	3.25		
		33	Sept	920.1	3.66	33.68		
		64	Oct	821.1	4.70	38.59		
		94	Nov	690.5	4.55	31.42	2520.5	106.94
VAN ALSTYNE, EDWARD, KINDERHOOK, N. Y. 1 day test								
Glenwood's Buttercup of Sunnyside 53226	F	275	Nov	435.7	5.74	25.01	6020.0	310.87
Justice Daisy 48135	E	286	Nov	608.6	5.24	31.89	7626.6	388.61
Justine of Sunnyside 47832	D	211	Nov	638.7	4.78	30.53	5339.1	234.58
VANDER BEEK, F. I., GLEN SPEY, N. Y.								
Imp. Jessy Rose XIV. 47161	A	55	Nov	1162.7	4.69	54.53	1986.1	91.25
Imp. Lynchmere Marie 54018	C	184	Nov	931.0	5.84	54.37	7234.6	349.21
VAN KIRK, E. S., NEWFIELD, N. Y. 1 day test								
Christie S. of Allen Farm 26303	A	365	Nov	1051.7	5.12	53.85	9301.7	476.35
Co-Ed of Ithaca 26304	A	365	Nov	1246.0	4.41	54.95	11550.9	511.22
Co-Ed of Ithaca 2d 33558	A	363	Nov	337.4	5.11	17.24		
		365	Dec	13.9	5.11	.71	11789.1	575.71
Lucretia of Maple Grove 51540	F	365	Nov	623.4	5.26	32.79	9671.5	436.91
Lucy Taylor 44872	D	365	Nov	475.9	6.88	32.74	8783.4	476.70
WALLACH, MRS. BARGER, JERICHO, N. Y.								
Imp. Bright Nelly 73744	F	87	Nov	781.4	4.48	35.01	2401.0	101.79

FROM THE GUERNSEY WORLD

He is by Imp. Aimable of the Isle 18373 and out of Emma of Alfalfa Farms 31057, with a record of 10607 pounds of milk containing 507 pounds of butter fat, as a junior four year old. The first dam, Helen's Pride of Oak Ridge 40431, has a record of 8940 pounds of milk containing 468 pounds of fat as a junior two year old. Helen's Pride of Oak Ridge 40431 is sired by Glenwood's Champion 15639 which has twenty Advanced Register daughters, and out of Joseph's Pride of Alfalfa Farms 31049, by Glenwood's Champion 15639 and out of Lady Gemsey 4th 31027. Joseph's Pride of Alfalfa Farms 31049 has a record of 10036 pounds of milk containing 476 pounds of fat, thus making the average record of the three nearest dams of this bull 463 pounds of fat.

The heifer, Gay Lad's Marion 56492 is sired by Imp. Beauty Pearl's Gay Lad du Braye 17611 and out of Marion of Ellerslie 35386. Aside from being especially well bred, Gay Lad's Marion 56492 has just finished a yearly record as a junior two year old of 8343 pounds of milk containing 476 pounds of fat, which is a state record for Guernsey junior two year olds, thus replacing Emily of Alfalfa Farms 33813 which held the state record with a production of 8484 pounds of milk containing 445 pounds of butter.

—R. E. Hunt

Wisconsin

Tratt Sales

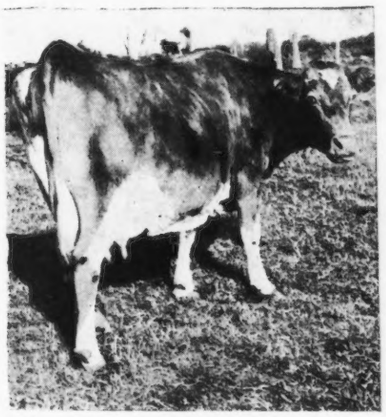
I recently sold eight yearlings and two heifers to members of the Oregon Guernsey Breeders' Association. One was sired by Bob Rilma's Monogram 29095 and the other seven were sired by Langwater Hambro 21011.

I still have twenty-five daughters of Langwater Hambro 21011 in the herd, five of which have already finished Advanced Register records of from 419.19 to 542.08 pounds of butter fat, all as two year old heifers in class G. Eleven more of his daughters are now on test. —Ralph Tratt

How Guernseys Were Introduced Into Jackson County

The accompanying photograph of Dairymaid of Whitewater 20471 shows the foundation cow of the

Saradale Guernsey herd owned by A. Pachernigg of Taylor, Wisconsin. She is also the first pure bred Guernsey cow that came to Jackson County.



DAIRYMAID OF WHITEWATER
20471 A. R. 3126

Record: 7546.7 lbs. of milk; 412.08 lbs. of butter fat. Sire—Derilius 6643. Dam—Royal Teresa 10639. Owned by A. Pachernigg, Taylor, Wis.

Mr. Pachernigg writes that she has had six daughters and four sons. Four of the daughters are in the Advanced Register and the other two are not yet in milk. Her half sister, Derinno 17777 is an Advanced Register cow and has five Advanced Register daughters.

Guernseys Win Where Competition is Keen

Dairying is beginning to be carried on extensively in Calumet county. Pure bred Guernseys, Holsteins and a few Jerseys are being used. Dairymen are fast learning that it pays to keep a pure bred sire.

During the last two years two testing associations have been formed, one at Chilton and one at New Holstein. Guernsey herds carried off first honors in both associations. The herd of L. H. McGrath led the Chilton association and the herd of Herman J. Duecker was first in the new Holstein association. These cows had only ordinary care and therefore did remarkably well.

A Guernsey Breeders' Association has also been organized recently with fifteen members with hopes of the membership reaching fifty.

I have sold a very fine young sire to Herman W. Ganbatz, which is to head his foundation herd which he recently purchased. I have also sold a young sire and a pure bred heifer to Mrs. Mina Bowe and son, which will start a foundation herd.

—Spring Meadow Farm, Chilton

WELLES, M. L., ROSENDALE, WIS. 1 day test.

Imp. Courtil of Sarnia 40202	A	183 Nov	653.4	4.90	32.02	5158.4	232.20
Lena of Birchwood 51825	F	304 Oct	264.3	6.27	16.57		
		334 Nov	17.7	6.27	1.11	6130.4	325.20
Lina of Birchwood 52209	E	191 Nov	413.4	4.26	17.61	4426.7	193.04
Mernie of Birchwood 61905	G	214 Nov	284.2	4.89	13.90	3572.3	165.75
Myrta of Birchwood 62083	F	244 Nov	261.6	5.30	13.86	3416.0	175.77

WEST, WILLIAM R., NEW BEDFORD, MASS.

Imp. Fine Feathers 58908	G	244 Nov	532.8	5.23	27.87	5020.9	232.80
Raymond's VIII's France of Lewison 36505	A	192 Nov	629.1	4.32	27.18	5342.9	224.62

WOOD, GEORGE, WAWA, PA. 1 day test

Auricula's Crystal of Wawa 48942	E	248 Nov	594.5	4.74	28.18	6461.9	296.77
Dan Patch's Sultana of Wawa 56177	F	233 Nov	472.0	5.57	26.29	5211.5	252.51
France's Della of Wawa 43721	C	279 Nov	642.3	4.80	30.83	7553.3	325.55
France's Princess of Wawa 54165	F	148 Nov	503.4	5.21	26.23	3285.2	151.63
France's Yolo of Wawa 54166	F	270 Nov	506.0	5.46	27.63	6114.4	276.13
Imp. La Gachere V. 54315	D	207 Nov	539.7	5.98	32.27	4974.9	241.35
Pretoria'sQueen of Wawa 56179	G	244 Nov	738.7	4.23	31.25	7147.9	301.31

WOODBURY, URBAN A., 2nd, BURLINGTON, VT.

Imp. Fawny II. 36343	A	263 Aug	484.2	7.33	35.49		
		293 Sept	304.3	6.71	20.42		
		324 Oct	103.6	5.61	5.81		
		354 Nov	31.4	9.00	2.83		
		365 Dec	3.2	9.00	.29	7635.3	392.27
Margaret of Appletree Point 63029	E	159 Aug	598.4	5.00	29.92		
		189 Sept	476.6	5.69	27.12	4645.4	200.19
Maude Adams of Folly Land 37230	A	83 Aug	712.9	6.57	46.84		
		113 Sept	541.9	6.13	33.22		
		144 Oct	518.0	4.15	21.50		
		174 Nov	507.3	5.59	28.36	3648.9	205.27

WORONOAK FARMS CO., WESTFIELD, MASS.

Adella of the Elms 30422	A	275 Nov	444.4	6.98	31.02	5786.0	346.86
Beulah of Cream Brook 40259	A	286 Nov	355.2	6.36	22.59	6659.0	352.39
Beulah of Woronoak 54227	G	365 Nov	203.7	7.38	15.03	6201.4	371.29
Bountiful's Daughter 29762	A	183 Nov	680.6	5.51	37.50	5737.5	299.19
Daisy of Arethusa 31438	A	91 Nov	690.4	5.42	37.42	2167.3	111.12
Emeline G. of Arethusa 41661	A	23 Nov	811.0	5.06	41.04		
Glenwood Girl of Woronoak 54226	E	286 Nov	595.9	5.84	34.80	6489.1	333.00

MERITORIOUS GRADE GUERNSEYS

SUTCLIFFE, H. C., BLACKEARTH, WIS.

Christina (Grade)	A	1 Oct	10.1	5.02	.51		
		31 Nov	867.8	5.02	43.56	877.9	44.07
Bell of Glenwood (Grade)	A	9 Oct	189.7	7.40			
		39 Nov	1065.2	3.90	41.54	1254.9	48.94
Roxy's Glenwood Dazena (Grade)	A	15 Sept	466.7	4.74	22.12		
		46 Oct	933.5	4.74	44.25		
		76 Nov	763.1	4.74	36.17	2163.3	102.54

Winnebago County Breeders Report

Guernsey Progress

Within the last year I have sold eleven registered Guernseys, five females going to John W. Thrall of Pickett, Wisconsin. Among them was Vejola 51416, a fine heifer shown at Ripon Midwinter Fair 1917, winning first against some of the strongest competition in the state, there being six cows in the class. Another one sold was a three year old cow, Vandilla 51415, and a calf, Lincona 74411, daughters of Lotina 39378, a seven year old which has five heifers and one bull all living. All have been shown at county fairs against competition at different times, and getting first prize. I will send a picture of her to the Journal with her five daughters taken the day that I sold two of them to Mr. Thrall, who I think will make a successful breeder and be a credit to the breed.

Another female was sold to Nyle Ross, a boy of seventeen years, who was interested enough to spend his savings for a heifer. This young man's father has about thirty-five grades and five pure breds. After having her two months she dropped a nice heifer sired by Golden of Herodale 33817, a double grandson of Imp. Golden Hero of l'Etiennerie 12647. His sire is a very good Glenwood bull.

We have several good grade herds in this locality and most of the breeders are trying to get more pure breds. I have all pure breds. My cream goes to a fancy trade in Oshkosh but I have not enough of it.

—J. M. Bloom

Grade Guernsey Returns $200 Profit

A grade Guernsey owned by J. P. Nelson of the Stillwater Cow Testing Association, Minnesota, has recently completed a year's test in which she produced 11399.9 pounds of milk and 568.53 pounds of butter fat, carrying a calf 248 days while on test. This is the largest record ever made by a grade cow in Washington County.

Belle was champion producer in the Stillwater Testing Association in 1916 with a record of 9002 pounds of milk and 426.5 pounds of butter fat. In 1915, when Washington County did not have a cow testing association, she produced on private test 9392 pounds of milk and 440 pounds of butter fat. Her three years' cumulative record is 29793.9 pounds of milk and 1435.03 pounds of butter fat, a production which is equaled by very few grade cows in the country.

In her last record she is accredited with the highest milk yield in December 1916, when she produced 1412.8 pounds, but the highest butter fat yield was made in January 1917, when she produced 66.67 pounds. She freshened again on November 30, giving birth to a beautiful bull calf from a May Rose sire whose dam is La Rue du Jean Du Luth 42022, which has a record of 13363 pounds of milk and 585.28 pounds of butter fat made at two years and eight months. Belle is giving forty-five pounds of milk a day in two milkings, and her test on December 22, according to the cow testing association record, was 4.10 per cent. Her daughter recently freshened and is producing twenty-five to thirty pounds a day testing 4.61 per cent., and is gaining every day.

Her feed for the year was pasture, 2930 pounds of silage, 2100 pounds mixed hay, 850 pounds alfalfa, 1515 pounds bran, 858 pounds oats, 32 pounds gluten feed, 167 pounds beet pulp, 248 pounds barley and green fodder to supplement pasture. Her total feed cost is $72.25 and the receipts for butter fat were $270.54 leaving a profit of $198.30.

Belle's dam was a real scrub cow that carried a little Red Polled blood. On private test she produced 4000 pounds of milk and 200 pounds of butter fat in one year. She was sold for beef.

Her sire was King of Stillwater 10833, a bull of Yeksa breeding, that also sired Lady Lishman 27756, which produced 12945.3 pounds of milk and 625.56 pounds of butter fat at five years and nine months, and 14018.5 pounds milk and 698.84 pounds of butter fat at seven years and one month.

Thousands of dairy cows are being slaughtered because of the extraordinary cost of feeds and because of the high prices paid for beef. This is causing a shortage in dairy cows that will be felt for many years to come. Is it not patriotic as well as profitable to do as J. P. Nelson does, to breed the scrub boarder cow to a good pure bred bull, and sell her after she has produced her grade calf?

At What Age Should Heifers Calve?

The most desirable age at which to have heifers calve is a very important question. In a great many herds, it is certain that the method of raising heifers is not such as to permit full development of their inherited powers of production. It has been shown that the larger cows of any breed are capable of higher and more profitable production than those of small to medium size. The extra capacity is a favorable point, providing they are equal in other respects.

For the most part, the belief is very common that it is necessary to have cows calve early in order to stamp upon them dairy qualities rather than tendencies for beef production. Some practical men discovered in their own experience that this was not true, and recent experiments also bear upon it. The belief that roughages should be fed to develop digestive capacity is also common, but it has been found that heifers raised with much in the way of concentrates, and with small amounts of roughages were as capable of consuming dairy rations as heifers raised almost exclusively on roughages.

Aside from the question of cost, the age is of little consequence. The aim should be to develop big, strong cows —and the procedure may depend upon conditions. If concentrates are used liberally, the rapid development will permit of earlier breeding. If the use of concentrates is limited, the first calving period should be somewhat postponed.

In general practice, the cows must pay the bills, and this is of primary consideration. Roughages, so far as possible, must therefore be made use of, and heifers must calve before the returns will commence to come in. Records of production from the Connecticut Agricultural College herd of Holsteins show the value of heifers well developed at calving time.

The age of first calving varies from one year and eleven months to three years and six months. The heifers, when not on grass, are fed three to six pounds of grain daily, with hay and silage, and are kept in thrifty growing condition. They are divided into two groups, those calving at thirty months or less and those calving at later than thirty months. The average age of the early calvers is two years and one and two-fifths months, and of the late calvers, three years and one month.

The average production of the early calvers' first period was 7,691 pounds of milk and 273 pounds of fat in an average of 365 days. The late calvers produced 13,128 pounds of milk and 443 pounds of fat in 349 days. In the second milking period, the early calvers produced 9,684 pounds of milk and 342 pounds of fat in 365 days; the late calvers produced 14,682 pounds of milk and 473 pounds of fat in 365days. In the third period, the early calvers produced 13,552 pounds of milk and 467 pounds of fat in 360 days; the late calvers (only one complete) produced 14,236 pounds of milk and 520 pounds of fat in 365 days.

In the early group, none have produced over 18,250 pounds of milk. In the late group, three have exceeded this, one with her first calf. Two of these heifers have made over 20,000 pounds of milk, one with the second calf. At least two other late calvers have the capacity to produce over 20,000 pounds. It is not probable that any of the early calves will do this unless one now milking in her first period, having calved at thirty months of age, may some time accomplish it. She will be given a long dry period, to permit of full development.

For various reasons, it is becoming more and more important for dairyman to get the most efficient production from their herds. In herds of doubtful dairy qualities, there is good reason to have cows calve early, to find as soon as possible if they are worth keeping. In a herd of dairy quality of medium to high order, more attention should be given to full development of the heifer in size and capacity for efficient and profitable production. Jerseys and Guernseys should usually not calve earlier than twenty-six to twenty-eight months, and Ayrshires or Holsteins not earlier than thirty to thirty-two months.

INDEX OF HERD REGISTER

IN JANUARY 15 JOURNAL

Cows, Nos. 75711 to 76350
A. R., Nos. 5606 to 5668

COWS

Name.	No.
Abby of Rose Hill	76210
Adelaide's Fern	76100
Airmont Queen	76119
Albamont Louise	76332
Albamont Pollyanna	76334
Albamont Rosebud	76333
Alexandrina Victoria	76076
Alicia of Cold Brook Farm	75960
Alma of Upton Pyne	76344
Aminta of Bayside	76222
Amy Joy	76167
Anita of Seneca Trail	75784
Anna B.'s Bell	75930
Anna of Irvin Place	75807
Antonette Munroe of Tonydale	76184
Ariel's Beauty Bloom	76083
Ariel's Flodina	76082
Atlasta Governor's Primrose	76338
Atlasta Jane	76335
Atlasta Kathryn 2d	76337
Atlasta May	76336
Atlasta Rouge 2d	76339
Baldeen 2d	76122
Bargy Rilma	76235
Bartlett's Mary Ann	76193
Bayberry Bonnie	75806
Beauty Chêne of Ridgeland	75755
Beauty of Crescent Beach Farm	75992
Beauty of Highlands	76300
Beauty Rose of Maple Grove	75713
Beda's May King's Islanda	76066
Bell Buoy's Bonny Lassie of City View	76215
Belle's Lilian of Floyd	75918
Bertelle of Wallinwood	75843
Berthie M.	76032
Bess Bloom of Locust Lawn	75763
Bessie Bell of Oak Dale Farm	76204
Bessie of Irvin Place	75808
Bessie of Northside	75811
Bessie's Princess 2d	76161
Bessie W. Marshall	76154
Beulah's Daughter of Lodgegrass	75745
Bickleigh's Bell of Lone Pine	75855
Blenda's Cora	75923
Blitzen's Rose	76196
Blossom of Alfabrook	75844
Blossom of Chicona	75815
Blossom's Daughter	76034
Blossom's Sunbeam of Village View Farm	75939
Bluebell of Longwood	75723
Boneka's Lucy May Galaxy	76308
Boneka's Luella May Galaxy	76307
Boneka's Nancy May Rose	76309
Boneka's Stella Rose Itchen	76306
Bonita of Chicona	75813
Bonnie Kate	76328
Brenda May Rose of Borden's	75840
Brooklandwood Gibson Girl	75805
Brookmead's White Face's Star	76191
Bud of Green Acre	75862
Bunny B. of Riverside	76245
Buttercup's Winter Daisy	75995
Butterfly Daisy of Maple Grove	75714
Calla Grove Dolly	75747
Calla Grove Princess May	75748
Calla Lily of Inverness	76341
Carmen of Meeme	76296
Caroline Langdon of Hollow-Hill Farm	76042
Caroline's Bonnie Girl	76035
Carrie of Linwood	76071
Catherine of Elmhurst	76221
Celestine's Valentine	76319
Celosia's Glenwood's Squaw	76234
Cena Purism	75711
Cever of Westholm	75789
Charmian of Ingleside	75941
Charmion of Martindale	76069
Chêne's Emerita's Daughter	76141
Cherrie King of Hollow-Hill Farm	76038
Cherry of Rockridge	75870
Cherry's Iota of Greenway	75836
Chloe of Tod Farm	75741
Chloris of Tarbell Farms	75737
Cinderella of Linwood	76073
Clara Marie	75826
Clara's Hazel of Maplewood	76086
Clara's Lily of St. Croix	76288
Cleo of Green Grove	75989
Clover Blossom of Oak Grove	75881
Clover Leaf of Tarbell Farms 3d	76112
Clover of the Otselic	76157
Clovilla's Sunbeam's Bessie	76350
Clovita of Tarbell Farms 2d	76110
Colleen of Killarney Farms	76033
Cone	75845
Cora Bonita of River Ravine Farm	75952
Cora King of Hollow-Hill Farm	76040
Coraline's Sequel	75831
Coronation's Bluewing	76090
Cosy of Chesney Farms	75825
Countess of Alswel 2d	75976
Cramond Dolores	75800
Creamland Inez	75778
Cricket Lisle	75754
Criterion Queen	76131
Criterion's Bell of Rockstone	75776
Criterion's Clara Bella	76128
Criterion's Dame d'Or of Bellview	76129
Criterion's Elsie	75775
Criterion's Lady Love	76126
Criterion's Lil of Bellview	76130
Criterion's Rose of Rockstone	75777
Criterion's Sweetheart of Rockstone	76132
Cromwell's Lassie	75994
Cyprus Carolyn of Ewing	75900
Dainty Marigold 2d	76004
Dairymaid of Linda Vista	76298
Dairymaid's Blossom	75819
Daisy Dean of Peshtigo Valley	76194
Daisy Moon of Jean Du Luth	75768
Daisy of Big Tree	75990
Daisy's Pearl of Verdun	75885
Dame's Trixie	76185
Deanie's Secret	76189
Delia of Hillside	76325
Delphine of Roughwood	75725
Demonstrator's Highland Princess	76016
Dew Drop of Portland	76011
Diven's Mollie	76125
Dolly Mar	76197
Dolores of Roughwood	75724
Dora of Sweet Springs	75796
Doriance of Edgewood	75950
Dorothy of Knollcrest	76178
Dorothy of Sugar River	75903
Dorothy of Warren	75949
Dorothy Rilma Glenwood of Sugar River	75980
Dosky's Lady Kelso of Maple Ridge Farm	75947
Duchess Beth's Mistress Mary	75946
Duchess's Jewel of Maple Cliff	76310
Dulcina Chêne of Crab Tree	75978
Dumont's May Queen	76176
Eleanor of Culpen Herd	75926
Elizabeth Jane	75769
Elizabeth Langlois	75963
Elizabeth of East View	76303
Elmira of Sacramento	75983
Elm Road Jennie	75959
Elm Summit's Princess	75883
Elsiedale	76030
Ersie of the Swale	76315
Estella Fontelle	75938
Ethel of Sunny Crest	76311
Evangeline of Sunny Crest	76312
Fain Purism	75712
Fair Weather Belgium	75970
Fair Weather France	75969
Fairy Queen of Sunnyside	76297
Fanny's Dewdrop of Troutmere	76265
Fern's Fanny Rilma	76162
Fernwood's Queen of Bonnie Brae	76140
Finesse of Troy	76174
Finetta May Rose of Borden's	75841
First Lady's Maid	76330
Flodell Charity	76271
Flodell Constance	76272
Flodell Primula	76270
Flora of Elmshade	75943
Florence of Culpen Herd	75924
Florham Laurel	76075
Florham Majesty	76080
Flossie of Linwood	76072
Folly Laura	76254
Folly Suzette	76253
Foxy's Salvation	75770
France's Marigold of Ewing	75901
Frances of Kynlyn	75890
Frenchman's Jewel of Fairview	76046
Frenchman's Pearl of Fairview	76047
Friendship Star's Beauty	75780
Galaxy's Beauty of Hazel Hill	76123
Galaxy's Daisy	76022
Galaxy's Maid of Farmdale	76209
Galaxy's Spotted Beauty	76133
Gallant's Golden Snowdrop	75955
Gemsey's Fleurie of Burkeville	76135
Genevieve of Inverness	76342
Gentle Myrtle	75928

Name.	No.
Gerar Hilda	75986
Gerar Rose	75987
Gerar Rosedale	75988
Gipsy's Emblem (Imp.)	76074
Gipsy's Lily of the Valley	76106
Glen Gable Amelia	76095
Glen Gable Hazel 2d	76094
Glen Gable Lina	76093
Glen Maid 5th	76124
Glenwood Beauty of Lakeside	76260
Glenwood Bonny Minnie 2d	76236
Glenwood Daisy's Buttercup of Grand Home	76152
Glenwood Girl's Beauty	75830
Glenwood Maid of Clermont	75790
Glenwood's Dewdrop of Alswel	75977
Glenwood's Elizabeth of Haddon 3d	75954
Glenwood's May Rose of Bayside 2d	76223
Glenwoodson's Lady	76220
Glenwoodson's Lassie	76217
Glenwoodson's Lilly	76219
Glenwoodson's May Flower	76218
Glenwood's Peggy Jones	76029
Glenwood's Pet Jones	76028
Glenwood's Princess Janet	76021
Godetta's Pride (Imp.)	76202
Gold Coin of Tarbell Farms 2d	76111
Golden Beauty of Mondamin	76232
Golden Mabel	75927
Golden May Rose's Gold Drop	76114
Golden of Rocklawn	75865
Golden Rose of Ewing	75902
Golden Sitka of Warriston	76212
Golden Vanity of Oakhurst	76056
Goldfinch of Rocklawn	75866
Governess of Walnut Glens 2d	75871
Governor's Beauty	76280
Governor's Daisy H.	76322
Governor's Daisy Pearl of Mount Hope	75799
Governor's Pink of Meadowview	76281
Governor's Yeksa of Meadowview	76278
Graceful	76078
Grace King of Hollow-Hill Farm	76039
Grace of Prospect	76104
Greenwood Gem 3d	76302
Gretchen of Dreamland	75728
Hambro's Janette of Hickory Hill	75782
Harriet H. of Riverside	76246
Hattie's Pride of Simsbury	76293
Hazel of Antrim Place	76108
Hazel of Dupont	75781
Hazel of Springside	76238
Helen Paul of Linden Shade	75856
Helen Silver	75801
Helen's Laura of Oldfield	76188
Hero's Anchora	75820
Hero's Highland Lillie	75821
Hero's Lillie of Livingston	75823
Hero's Livingston Beauty	75822
Hildette	76049
Hillswold Blancha	75909
Hillswold Buttercup	75907
Hillswold Daisy	75906
Hillswold Goldie	75908
Hillswold Patricia	75905
Holden's A. Bella	75847
Holden's Cherry Blossom of Brook Lawn	75904
Holden's Roseleaf	75846
Holden's Trixie	75848
Holly from Forest View	76250
Huckleberry of Marshland	76153
Ida Chêne's Queen of the May	75829
Ila of Green Valley	76048
Imelda of Hylsted	76026
Ingleside Moyra May Rose	75787
Ingleside Queen May Rose	76205
Ingomar's Daisy of Ebensburg	75761
Irene Sunset	75851
Isabelle of Egypt	76305
Itchen Governess of Onisquethaw	76228
Itchen of Woodcrest	76229
Itchen Rosette of Shorewood	76331
Jane Beall	76120
Janet of Springside	76240
Janet of Sweet Springs	75795
Janette's Darling of Wayside	75877
Jeanette of Oakhurst 3d	76053
Jennie King Deyraff	76187
Jennie Robena of Dunfernline	76159
Jerry's Pride of West End Farm	75953
Jessie Fletcher	76214
Jessie of Warren	75948
Jethro's Honorbright of Bosworth Field	75793
Jewel King of Hollow-Hill Farm	76036
Jewel's Lily	76145
Jewel Tonka of Waldon	76348
Joan of Riverside	76244
Josephine Myjo	76002
Josephine's Pride of Dean Valley Farm	76148
Joseph's Pride of Burkeville	76136
Josie of Plumb Farms	76170
Joyce of Jefferson	75937
Joyce's Pearl 2d	75716
Joy of Kiluna Farm	76165
Julane	75838
Jula of Elmshade	75942
July of Rising Sun	76258
Junata Buckley	75957
June Breeze	76091
June's Ellenwood Lass	76113
Kate's Northern Maid	76139
Katie of Old Hickory	76267
King's Daisy of Oakhurst	76057
King's Lady Vanity of Oakhurst	76054
King's Madge of Valley View	75773
King's Polly Ann Jewell	76261
Lady Beauty of Greenmeadows (Imp.)	76284
Lady Bess of Sweet Springs	75794
Lady Betty of Kynlyn	75891
Lady Clare of Ewing	76067
Lady Eileen Douglas	76252
Lady Elizabeth of Shippensburg	76150
Lady Grée of Edgerton	76063
Lady Jane of Oakland Retreat	75756
Lady Juanita	75962
Lady Langdon of Hollow-Hill Farm	76041
Lady Like of Portland	76009
Lady Marcus 2d	75718
Lady Margery of Sunny Brook	75717
Lady May of Tannenhof	75917
Lady Mobjack 2d	76317
Lady My Lida of Cherrydale	76230
Lady of Manoa	75916
Lady Ormond of Lone Pine	75852
Lady Rose Glenwood	76349
Lady Sylvia of Lakeview	76171
Lady Vera's Carda	76237
Lady Zebbaline of Rocky Reach	76121
Lamda of Greenway	75837
Larch Hill's Itchen Verbena	75772
Lassie of Oakland Retreat	75757
Lassie of Thatch Meadow	75998
Laura of Maple Lawn	76105
Laverna's Ultra Girl	75803
Leda's Miss Sequel	75889
Le Gelé's Prairie Side Bell	76262
Leona Langlois	75964
Liberty of Longwood	75722
Liberty's Lilly	75809
Liberty's Rose	75810
Lillah Munroe of Tonydale	76183
Lillie of Prairie Mound	75887
Lillie of Rising Sun	76257
Lilly of Harmony	76168
Lilydale Bell	76099
Lily Emerita's Linda	75828
Linda of Chicona	75814
Linnette of Elgercon	76313
Little Mary's Annie	76107
Little Myra	76146
Little Queen of Brouse Hill	76169
Lobelia's Daughter of Harriton	76242
Locust Lane Nannie	75730
Loleta Taylor	76177
Lone Pine Valentine	75853
Lorraine of Kingsbury Meadow	75857
Lost Queen of Foulkes Farm	75818
Lottie's Betty of Lodgegrass	75746
Louisa of Willow Brook	76282
Lovelady's Dolly	75934
Lucile of Morrison Farm 2d	76172
Lucy Loraine of Oldfield	76186
Lucy of Oak Grove	76241
Lucy of Thatch Meadow	75999
Lu Magnet of Superior	75762
Luna Laurel of Bonnie Brae	75739
Luna's Lily of Bonnie Brae 2d	75738
Lura's Deasie May of Mineral Home	76345
Lynbrook Edith of Owl's Nest	75991
Mable of the Otselic	76156
Macy of Sacramento 2d	75981
Madgette of Llanwhitkell	75817
Maggie Ann	76138
Maggie Glenhurst	75979
Maggie of Apple Ridge	75985
Maid Marian of Farview	75967
Maid of Carolina	76213
Mamie of Hillsview	76012
Margaret's Lady North	75835
Marianna of Hylsted	76024
Marie Rilma Le Roy	75727
Marion of Argyle	75965
Marion of Bellevue	76206
Marken's Buttercup	75933
Marken's Daisy	75932
Marsh Rose of Brentwood	75997
Mar's Sequel of Claremont	75832
Martha Prilma	76192
Martie of Inverness	76340
Mary Boots of Wautoma	75783
Mary C. of Warren	76207
Mary King of Hollow-Hill Farm	76037
Masher's Billaxy's Evelyn K.	76006
Masher's France's Evelyn K.	76007
Masher's Phyllis K.	76005
Mate o' Bloom's Picobelle	76088
Maud of Waldon	76347
Maxina of Lyndale	76043
May Blossom of Tarbell Farms	75736
Mayflower's Butter Girl	75996
May King's Idalia	76225
May King's Rosie of Oakhurst	76058
May King's Vrangue's Doris	76144
May Queen of Minot	75816
May Rose Bess of Jean Du Luth	75764
May Rose Celestine	76318
May Rose Count's Golden Glow	75940
May Rose Count's Lass	75912
May Rose Count's Mayflower	75915
May Rose Count's Rose	75913
May Rose Count's Tulip	75914
May Rose Daphne of Ewing	75899
May Rose Fern of Jean Du Luth	75765
May Rose Leda of Jean Du Luth	75766
May Rose Lucretia	76320
May Rose Nina of Jean Du Luth	75767
May Royal's Beauty	76266
Meadow Maid of Bon Ayre	76255
Melvina of Curles Neck	76137
Merilla's Dairymaid of Verdun	75884
Merry Gold of Manitowoc Island Farm	75785
Merry Melinda o' Meadow-Ridge	76068
Michigan Queen of The Maples	76190
Mignot's Dairymaid of Lakeside	76304
Mildred of Friendly Acres	76014
Milkmaid of Linda Vista	76299
Millie's Money Maker of Van Wert	76329
Miriam of Sacramento	75982
Miss Corbett 4th	75971
Miss Elmwood	75921
Miss Glen Lake Side	75945
Miss Glenwood of Killarney Farms	75958
Miss Nancy of Lookwell Guernsey Farm	75935
Miss Silver Tips	75974
Mita of Tarbell Farms 3d	76109

THE HERD REGISTER—INDEX COWS

Name.	No.
Molly Munroe of Tonydale	76179
Moneymaker's Village Girl 3d	75972
Moorland's Donna Rose	76050
Muttontown Hilda	76264
Myron's Lilly of Cherrydale	76231
Myrtle of Lyndale	76044
Myrtle's Cathleen	76098
Mysie's Jane of Claremont	75833
Mysie's Moon of Claremont	75834
Nancy Munroe of Tonydale	76182
Naomi of Lilydale Farm	76097
Naomi's and Princess's Rose	75898
Nedelka's Queen of the May	75968
Nellie of Star View Farm	76256
Nellie's Hougue Maid	76143
Nell of Mossy Hill	76117
Nell's Girl of Pequea	75726
Nelly of Apple Ridge	75984
Nelly of Sunnyside	76127
Nerissa of Hill Farm	76226
Neshobe's Queen's Buttercup	76277
Nettie's Nelly	76208
Noanette	76013
Nora of Springside	76239
Northern Belle's Queen	76327
Oakland's Grace	76089
Oak Ridge Alderney's Maggie	76019
Oak Ridge Gemsey's Sarkie	76018
Oak Ridge Sandbur's Emma	76017
Oak Ridge Stranford's Emily	76020
Okay's Rose's Buttercup	75798
Olga of Birchwood	75869
Oneonta Queen	76216
Ononeda May	75896
Orange Blossom of Troy	76175
Orpah of Birchwood	75868
Pansy's Dusky Rose of Fisherbrook	76291
Pansy's Gem	76343
Park's Judith Beauty	76118
Pattie of Thatch Meadow (Imp.)	76000
Peace Breeze	76092
Pearl of Mobjack	76316
Peggy of Elmshade	75944
Petdale's Yolanda of West View	75744
Petite Musette of Lone Pine	75854
Petite's May Rose of Baker's Farm	76259
Pet of Forest View	76249
Pet's Little Gem	76115
Phyllis of Leominster	75824
Plato of Jesup's Maid	75760
Pocahontas of Twin Pine	75876
Point Rockway Queen	76263
Polled Magdelene of Floyd	75919
Pollyanna of Hylsted	76025
Polly Anna of Tonydale	76181
Polly's Pride of Dreamwold	76285
Preen 3d	76079
Pride's Beautie Girl	76211
Pride's Flora of Dean Valley	76149
Pride's Lovely Laura B.	75929
Pride's Romper's Lass	75931
Primana of Woodend 2d	76321
Primrose of Donnybrook	75861
Primrose's Mistake	75849
Princess Agnes Eleanor	75734
Princess Dimple Chêne	75779
Princess of Bayside	76224
Princess Pat of Cobble Stone Lodge	75936
Princess Polly of Farview	75966
Princess Pride of Briarcombe	75731
Princess Primrose of Elgercon	76314
Princess Spots	76274
Princess's Star of Hillside	75910
Queen of Brooklandwood	75804
Queen's Sequel of Chicona	75812
Queen Susan	75733
Rachel of Culpen Herd	75925
Rachel Olive of Oak Dale Farm	76203
Radiance of Longwood	75721
Rae Mar	76198
Raemelton's Beshroud	76287
Raemelton's Violet	76286
Raider's Gronette of Waddington	76062
Raider's Kathleen of Waddington	76059
Raider's Polly of Waddington	76061
Raider's Retta May of Waddington	76060
Raider's Rouge of Myrna Maree Farm	76199
Rappana's Keila	75850
Raymond's Bova	76102
Rea Jane	76268
Regent's Honoria of Bosworth Field	76103
Repeater's Mischief	76195
Reputation's Nelly	75758
Rhea's Beauty of Sitka	75732
Riverside Aileene	76065
Riverside Lodisa	76064
Robinetta's Pride of Edgerton	75864
Robin of Bonnie Brae	75740
Rock Rose of Wayland	76295
Rosebud of Elgin	76166
Rose Dale's Golden Treasure	75742
Roselind of Roselawn	75993
Rose Maiden	76077
Rosemary of Manitowoc Island Farm	75951
Rosemary of Owascoag	76151
Rosemead Honoria	76292
Rosemont's Rosette	76201
Rose of Brooklandwood	75802
Rose of Houtzdale	75888
Rose of Oakhurst 3d	76052
Rose of Orndale	76158
Rose's Beauty of Oak Grove	75880
Rose's Gallant Bloom	75956
Rose's Miss Topsy	75827
Rosetta B.'s Glenwood Girl	76301
Rose Urania	75894
Rosie of Hillside	76324
Rosie's Polly of Oakhurst	76055
Rowena of Westholm	75788
Rowena's Gold Nugget	75859
Royal Rose's Grace	76116
Ruby Glenwood of Loyal	75858
Ruettes Gaiety Girl	76084
Ruth Alice of Woody-Nook	75839
Ruth J. of Mapleshade Farm	76164
Sailor Girl of Hawthorn (Imp.)	76283
Samarito's Noble Kate	76155
Sanoma of Lickbrook	76346
Sapphire of Thorn Hill	75875
Sarah's Lad's Daughter	75911
Schleswig Topsy	76163
Selma's Delight	76269
Sequel's Golden Daisy	76134
Sharon Bell	76326
Silva Belva	76248
Sir Roderick's Buttercup	75892
Sir Roderick's Dew Drop	75893
Siss of Bellmath	76003
Speckled Juliet	76251
Speckle of Little Platt	75791
Squire's Beatrice	76323
Standard's Village Girl 2d	75973
Strawberry of Castanea	75895
Sue H. of Riverside	76243
Sunbeam of Sunshine	75867
Sundari's Beauty of Denmark	75759
Sun-Set of Two Harbors	76015
Susan of Donibristle	76273
Suzanne's Susan	76289
Sweet Charity of Portland	76010
Sweetheart B. of Riverside	76247
Sylvia Munroe of Tonydale	76180
Tessey of Dead Lake	75860
Tess of Three Pines	75771
The Bullrushes Rutila	75786
Thelma of Avalon 2d	76147
Thelma's Lily of Four Pine	75878
Tiny of Little Platt	75792
Tiny T.	76085
Top of Graceland	75729
Topsy May of Fern Ridge Farm	75879
Toronita Issena	75872
Toronita Oweenee	75873
Twila of Echo Lodge	75715
Twin-Pike Tinpail	75753
Ulrica of Meadowview's Dawn	76279
Ultra Maid of Arbor Vitae Lodge	76227
Ultra Violet of Oakhurst	76051
Uokle Girl of Franklin Farms	75961
Utsyanthia's Third	75920
Valley Flower's Phebe	76276
Velda Rose	75842
Venus's Butter Girl	75882
Vera of Lyndale	76045
Verbena of Longwood	75720
Verda of Linwood	76070
Victor's Alice of Thorn Hill	75874
Victor's Petite of Thorn Hill	76142
Village Comfort	76101
Villiaze's Sunday of Avondale	76200
Viola of Maple Lane	76023
Viola of Wayland	76294
Viola Sabilla	76173
Violet of Esker View	75922
Violet's Goldenrod of Fisherbrook	76290
Violet's Rose of Edgerton	75863
Vivian of Lilydale Farm	76096
Vix Ella of Oakton	75735
Von of Smallidge Farm	76275
Wallum Daisy	76160
Wayland Lilac	75750
Wayland Nourmahala	75749
Wayland Picottine	75752
Wayland Selectness	75751
Windy Brow Golden Glow	76081
Winna's Lady Glenwood Crescent	76008
Winnisquam Lesbia	75743
Winsome of Longwood	75719
Wood Ford's June Rose	75774
Woodlawn's Royal Rose	76233
Wyebrook Blanchflower	75897
Wyebrook Lavender	76087
Yeksa's Ferne of Lonsdale	76031
Yeksa Tinkle's Materna	75886
Yetta of Valley View	76001
Young Moneymaker's Miss Corbett	75975
Zelda of Lakeside	75797
Zoa S.	76027

ADVANCED REGISTER

Name.	No.
Alien of Sarnia 50480 (Imp.)	5630
Amelia of Millmount XI. 35194 (Imp.)	5636
Antoinette of Chilmark 2d 48898	5606
Billy's Missie of Elmview 51360	5616
Blanche of Bayside 44383	5633
Bonnie of Tristram Farm 54747	5650
Brookmead's Maya 52086	5626
Claudia Claire 37645	5625
Cypress of Sarnia 53729 (Imp.)	5648
Deb of Sarnia 65387 (Imp.)	5652
Delia of Oakwood 26855	5608
Donnington Girlie 4th 59875 (Imp.)	5632
Dora A. of Seneca 36974	5621
Dotty Primrose 52666	5663
Duenota 20629	5623
Dulcis of Sarnia 65360 (Imp.)	5658
Economy of Sarnia 65365 (Imp.)	5653
Evangeline Marshall 45769	5622
Fair Queen's Nugget 42909	5618
Fancy of Overland View 37246	5627
Fern of Rich Neck 54991	5615
Florestine 14842	5609
Goldie of Mound City 44810	5620
Jewel of Indian Bridge 47356 (Imp.)	5629
Jewel's Princess of Elmview 51359	5614
Lady Sequel of Wawa 50504	5631
La Fleur du Jardin's Fair Annie of Wawa 54164	5668
La Fleur Quince du Jardin of Wawa 54163	5628
Launy II. 40382 (Imp.)	5619
Leoparda of Lone Mound 28698	5624
Lizzie of Oakwood 52251	5639
Ma Chère Jardiniere 55849	5638
Marie of Gerar 53661	5610
Masher's Bessie of Bonny Lea Farm 58560	5637
May Queen of Bayside 54600	5662
Missy Willow 33889	5656
Mixter Dominie 54247	5665
Mixter Duchess 48395	5664
Mona of Bayside 34044	5635
Nellie of Courtil Ronchin 40390 (Imp.)	5617
Nocturne of Paxtang 40922	5612
Pattinette 26837	5655
Patti of Helendale 23105	5657
Princess Nora of Bayside 53858	5661
Queen of Sherborn 53416	5607
Roberts' Fanny of Fritzlyn 45652	5659
Roparry 37819	5651
Rosie II. of les Buttes 53763 (Imp.)	5645
Royal's Pretty Pearl 50085	5644
Ruby du Crocq 3d 53975 (Imp.)	5641
Sally of Elmpines 51289	5634
San Toy's Star 47424 (Imp.)	5611
Tekla Rose 48146	5649
Thirty Thousand Eight Hundred Fifty Eight 30858	5666
Trequean Rose of Fritzlyn 51343	5660
Trewidden's Garnet of Elmview 47275 (Imp.)	5613
Upland's Ellen 55157	5647
Victorina of Sarnia 35669 (Imp.)	5640
Victor of Fern Ravine's Rosalind O. K. 27210	5642
Violet III. des Valettes 48467 (Imp.)	5646
Violet III. of le Mont Durant 54310 (Imp.)	5667
Wolfram's Margery 34545	5643
Yeksanette 42600	5654

75711 **Cena Purism**
Sire *Penstates Cena's King* 38060. Dam *Belle L.* 59114.
Born March 1, 1917. B. and O.: J. H. Detwiler, Center Hall, Pa.

75712 **Fain Purism**
Sire *Puritan Prince* 23042. Dam *Estella Trinker* 33798.
Born March 29, 1917. B. and O.: J. H. Detwiler, Center Hall, Pa.

75713 **Beauty Rose of Maple Grove**
Sire *Bellma's King of Maple Grove* 22228. Dam *Seven Springs Beauty 2d* 35041.
Born Jan. 11, 1917. B. and O.: Stark Bros., Athens, Wis.

75714 **Butterfly Daisy of Maple Grove**
Sire *Bellma's King of Maple Grove* 22228. Dam *Butterfly of Randolph* 30349.
Born Feb. 4, 1917. B. and O.: Stark Bros., Athens, Wis.

75715 **Twila of Echo Lodge**
Sire *Robiline's Masher* 18821. Dam *Imp. Mimosa XVIII.* 31935.
Born Jan. 31, 1917. B. and O.: C. A. Hennesey, Watervliet, Mich.

75716 **Joyce's Pearl 2d**
Sire *Achilles of Girdle Ridge* 24414. Dam *Joyce's Pearl* 42318.
Born Jan. 28, 1917. B. and O.: James W. Bullock, Williamstown, Mass.

75717 **Lady Margery of Sunny Brook**
Sire *Achilles of Girdle Ridge* 24414. Dam *Imp. Lady Bickleigh of Meadow Brook* 42316.
Born Feb. 28, 1917. B. and O.: James W. Bullock, Williamstown, Mass.

75718 **Lady Marcus 2d**
Sire *Achilles of Girdle Ridge* 24414. Dam *Lady Marcus* 47842.
Born May 11, 1917. B. and O.: James W. Bullock, Williamstown, Mass.

75719 **Winsome of Longwood**
Sire *Demonstrator of Roughwood* 23133. Dam *Daisy's Blossom of Roughwood* 36725.
Born Feb. 4, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75720 **Verbena of Longwood**
Sire *Don Bernardo of Linda Vista* 20617. Dam *Deanie of Roughwood* 58072.
Born Feb. 20, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75721 **Radiance of Longwood**
Sire *Yeoman of Roughwood* 29952. Dam *Dawn of Roughwood* 48220.
Born April 13, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75722 **Liberty of Longwood**
Sire *Yeoman of Roughwood* 29952. Dam *Diana of Roughwood* 48219.
Born April 26, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75723 **Bluebell of Longwood**
Sire *Yeoman of Roughwood* 29952. Dam *Flower of Roughwood* 32877.
Born May 21, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75724 **Dolores of Roughwood**
Sire *Don Bernardo of Linda Vista* 20617. Dam *Dream of Roughwood* 58073.
Born July 13, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75725 **Delphine of Roughwood**
Sire *Demonstrator of Roughwood* 23133. Dam *Imp. Blanchflower X.* 21289.
Born July 26, 1917. B. and O.: Ernest B. Dane, Chestnut Hill, Mass.

75726 **Nell's Girl of Pequea**
Sire *Red of Pencoyd* 34169. Dam *Nell of Highway 2d* 41467.
Born Dec. 31, 1916. B. and O.: J. H. Brinton, Gap, Pa.

75727 **Marie Rilma Le Roy**
Sire *Tom Rilma* 22539. Dam *Marie Cole* 51184.
Born Feb. 20, 1917. B.: C. L. Sisson, Almond, N. Y. O.: S. C. Wells, Le Roy, N. Y.

75728 **Gretchen of Dreamland**
Sire *Miss Linden's Rose-noble of Edgewater* 35132. Dam *Gretchen of Nutting Farm* 47872.
Born April 29, 1917. B.: C. L. Sisson, Almond, N. Y. O.: S. C. Wells, Le Roy, N. Y.

75729 **Top of Graceland**
Sire *Cigarette's Uno* 35696. Dam *Arida's Finis* 60782.
Born April 20, 1917. B. and O.: Phil R. Toll, Greenwood, Mo.

75730 **Locust Lane Nannie**
Sire *Cottie's Noble Golden Governor of A. D. F.* 36360. Dam *Allie A. of Lisbon* 57347.
Born Feb. 23, 1917. B. and O.: Wilbur H. Hinkle, Springfield, Ohio.

75731 **Princess Pride of Briarcombe**
Sire *Raymond of Trianon* 20598. Dam *Imp. Eunice of Koshkonong Place 2d* 37337.
Born March 6, 1917. B. and O.: Briarcombe Farm Co., Winona, Minn.

75732 **Rhea's Beauty of Sitka**
Sire *Rhea's May King* 25474. Dam *Bonnie's Beauty of Sitka* 26457.
Born May 15, 1917. B. and O.: George N. Crawford, Holton, Mich.

75733 **Queen Susan**
Sire *Beatrice's Son of Woodend* 29539. Dam *Tuddie of Upland* 39227.
Born May 3, 1917. B. and O.: E. C. Gale, Saint Bonifacius, Minn.

75734 **Princess Agnes Eleanor**
Sire *Beatrice's Son of Woodend* 29539. Dam *Lady Eleanor* 52842.
Born May 17, 1917. B. and O.: E. C. Gale, Saint Bonifacius, Minn.

75735 **Vix Ella of Oakton**
Sire *King Peter* 25587. Dam *Mary Aston* 60110.
Born Feb. 14, 1917. B.: T. M. Gathright, Covington, Va. O.: C. T. Rice, Oakton, Va.

75736 **May Blossom of Tarbell Farms**
Sire *Golden Secret of Pencoyd* 23462. Dam *Imp. May Blossom of the Isle* 49274.
Born Jan. 30, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

75737 **Chloris of Tarbell Farms**
Sire *Golden Secret of Pencoyd* 23462. Dam *Clover Leaf of Hop City* 32667.
Born Feb. 3, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

75738 **Luna's Lily of Bonnie Brae 2d**
Sire *Picotte of Bon Ayre* 28371. Dam *Luna's Lily of Bonnie Brae* 56304.
Born Feb. 16, 1917. B. and O.: Lake Remington, Eau Claire, Wis.

75739 **Luna Laurel of Bonnie Brae**
Sire *Picotte of Bon Ayre* 28371. Dam *Luna Laurel* 29857.
Born Feb. 26, 1917. B. and O.: Lake Remington, Eau Claire, Wis.

75740 **Robin of Bonnie Brae**
Sire *Picotte of Bon Ayre* 28371. Dam *Robin of Home Farm* 23829.
Born April 3, 1917. B. and O.: Mrs. A. Remington, Eau Claire, Wis.

75741 **Chloe of Tod Farm**
Sire *Itchen King's Sequel* 33319. Dam *Chloe of Sugar Grove Farm* 41834.
Born Jan. 19, 1917. B. and O.: David Tod, Hubbard, Ohio.

75742 **Rose Dale's Golden Treasure**
Sire *Prince George of East View* 35192. Dam *Lillian Belle of Rose Dale* 59605.
Born Feb. 10, 1917. B. and O.: Niles K. Miller, Woodhull, N. Y.

75743 **Winnisquam Lesbia**
Sire *King Masher 13th* 28170. Dam *Rita's Lesbia Princess of Winnisquam* 55619.
Born May 21, 1917. B. and O.: Mark H. Moody, Waterbury, Vt.

75744 **Petdale's Yolanda of West View**
Sire *Antrim* 22223. Dam *Petdale of Manchester* 40588.
Born Feb. 23, 1917. B.: John B. Jameson, Antrim, N. H. O.: Kent Bromley, East Corinth, Vt.

75745 **Beulah's Daughter of Lodgegrass**
Sire *Betty's Boy of Shady Nook* 28629. Dam *Beulah of Guernsey Hill* 41276.
Born Jan. 16, 1917. B. and O.: G. H. Calvert, Allison Park, Pa.

75746 **Lottie's Betty of Lodgegrass**
Sire *Betty's Boy of Shady Nook* 28629. Dam *Lottie's First Daughter* 61406.
Born May 29, 1917. B. and O.: G. H. Calvert, Allison Park, Pa.

75747 **Calla Grove Dolly**
Sire *Fairmaid's Pride* 29798. Dam *Calla Grove Buttercup* 56881.
Born May 18, 1917. B. and O.: Joseph Levy, Manteca, Cal.

75748 **Calla Grove Princess May**
Sire *Fairmaid's Pride* 29798. Dam *Imp. Princess May of the Hunguets XI.* 53536.
Born July 11, 1917. B. and O.: Joseph Levy, Manteca, Cal.

75749 **Wayland Nourmahala**
Sire *John of the Abbey* 28732. Dam *Select's Nourmahala* 51864.
Born Feb. 12, 1917. B. and O.: Francis Shaw, Wayland, Mass.

75750 **Wayland Lilac**
Sire *John of the Abbey* 28732. Dam *Lily of Five Paths 2d* 42496.
Born June 1, 1917. B. and O.: Francis Shaw, Wayland, Mass.

75751 **Wayland Selectness**
Sire *John of the Abbey* 28732. Dam *Select of Five Paths* 28649.
Born June 23, 1917. B. and O.: Francis Shaw, Wayland, Mass.

75752 **Wayland Picottine**
Sire *Miss Alexandre's Barney* 33050. Dam *Picottine's Lily* 20464.
Born July 23, 1917. B. and O.: Francis Shaw, Wayland, Mass.

75753 **Twin-Pike Tinpail**
Sire *Twin-Pike Timothy* 42335. Dam *Imp. Daisy of la Forge* 39730.
Born March 26, 1917. B. and O.: Davenport Plumer, Three Tuns, Pa.

75754 **Cricket Lisle**
Sire *St. Amant's Pride* 33783. Dam *Katydid of Villaview* 51781.
Born Feb. 16, 1917. B. and O.: B. L. McKeen, Wilton, Maine.

75755 **Beauty Chêne of Ridgeland**
Sire *Prince Haram of Clover Meadows* 18926. Dam *Imp. Kingsmoor Carroll 9th* 33719.
Born March 7, 1917. B. and O.: Wesener Bros., Cleveland, Wis.

75756 **Lady Jane of Oakland Retreat**
Sire *Duvaux's Gay Lad* 30547. Dam *Lovely Lady Catherine* 53677.
Born March 28, 1917. B. and O.: V. E. & F. D. Bailey, Prescott, Wis.

75757 **Lassie of Oakland Retreat**
Sire *Masterful* 14343. Dam *Oakland Lass* 58884.
Born July 10, 1917. B. and O.: V. E. & F. D. Bailey, Prescott, Wis.

75758 **Reputation's Nelly**
Sire *Fanny's Reputation* 21648. Dam *Imp. Nelly III. of the Marais* 31680.
Born June 13, 1917. B. and O.: H. P. Andersen & Son, Denmark, Wis.

75759 **Sundari's Beauty of Denmark**
Sire *Sundari's Star of Pleasant View* 34443. Dam *Sequel's Royal Primrose of Denmark* 58517.
Born June 18, 1917. B. and O.: H. P. Andersen & Son, Denmark, Wis.

75760 **Plato of Jesup's Maid**
Sire *Plato of Jesup* 31970. Dam *Blossom Empress* 54883.
Born May 26, 1917. B. and O.: Haskell Institute, Lawrence, Kansas.

75761 **Ingomar's Daisy of Ebensburg**
Sire *Ingomar's Daisy King* 31396. Dam *Imp. Tulip des Sages III.* 44282.
Born March 28, 1917. B.: W. P. Craig, Pittsburgh, Pa. O.: Webster Griffith, Ebensburg, Pa.

75762 **Lu Magnet of Superior**
Sire *Magnet Primrose of Crystal Creek* 27262. Dam *Lola of Brush Creek* 40407.
Born July 2, 1915. B. and O.: G. A. Marks, Louisville, Ohio.

75763 **Bess Bloom of Locust Lawn**
Sire *Pierre of Cunningham Farm* 38497. Dam *Irene of Locust Grove* 46202.
Born Feb. 16, 1917. B. and O.: A. S. Graybill, Bird in Hand, Pa.

75764 **May Rose Bess of Jean Du Luth**
Sire *May Rose Searchlight* 33074. Dam *Imp. Brickfield Pride* 31972.
Born July 7, 1917. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

75765 **May Rose Fern of Jean Du Luth**
Sire *May Rose Searchlight* 33074. Dam *Fenella* 42020.
Born July 14, 1917. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

75766 **May Rose Leda of Jean Du Luth**
Sire *May Rose Searchlight* 33074. Dam *La Rue du Jean Du Luth* 42022.
Born July 15, 1917. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

75767 **May Rose Nina of Jean Du Luth**
Sire *May Rose Searchlight* 33074. Dam *Imp. Nell III. of Mt. Plaisant* 31961.
Born July 18, 1917. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

75768 **Daisy Moon of Jean Du Luth**
Sire *Golden Noble of the Lakes* 37091. Dam *Imp. Daisy of les Piece Nez III.* 44880.
Born July 20, 1917. B. and O.: Jean Du Luth Farm, Inc., Duluth, Minn.

75769 **Elizabeth Jane**
Sire *Prince George of Oakwood* 31380. Dam *Lady Elizabeth T.* 61473.
Born May 11, 1917. B. and O.: M. F. Jarvis, Winfield, Kansas.

75770 **Foxy's Salvation**
Sire *Star of Freedom* 32952. Dam *Buttercup's Foxy* 36657.
Born Feb. 17, 1917. B. and O.: Fred W. Berg, Marathon, Wis.

75771 **Tess of Three Pines**
Sire *Ne Plus Ultra 4th* 29328. Dam *Janet of Meadow Brook* 52496.
Born March 25, 1917. B.: Parker & Coggshall, Moravia, N. Y. O.: Lamott J. Close, Locke, N. Y.

75772 **Larch Hill's Itchen Verbena**
Sire *Imp. Jerry Boy of Iowa* 25696. Dam *Imp. Itchen Verbena of Iowa* 43360.
Born March 17, 1917. B. and O.: W. H. Erb & Sons, West Liberty, Iowa.

75773 **King's Madge of Valley View**
Sire *Lily IV. of the Tertre's King* 19107. Dam *Madge's Mary of Alfred* 49815.
Born Dec. 17, 1914. B. and O.: Howard W. Sneck, Rochester, N. Y.

75774 **Wood Ford's June Rose**
Sire *Brandywine Bell Boy 2d* 30616. Dam *Wood Ford's Lucia* 46591.
Born June 24, 1917. B. and O.: J. W. Alsop, Avon, Conn.

75775 **Criterion's Elsie**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Elsie Primrose of Riverside* 23965.
Born April 15, 1917. B.: F. B. Buckley, Valley Falls, N. Y. O.: Albert G. Buckley, Valley Falls, N. Y.

75776 **Criterion's Bell of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Bessie of le Manoir* 47914.
Born June 29, 1917. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

75777 **Criterion's Rose of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Queen of Rockstone* 51310.
Born July 10, 1917. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

75778 **Creamland Inez**
Sire *Park's Lucas* 32639. Dam *Bessie's Yeksa Starlight* 60399.
Born Feb. 28, 1917. B. and O.: R. R. Schwartz, Troy Center, Wis.

75779 **Princess Dimple Chêne**
Sire *Prince Alfred Chêne of Ayersdale* 29002. Dam *Cora Dimple* 59170.
Born May 21, 1917. B.: Mrs. Emma G. Ayers, Dallas, Pa. O.: Frank F. Morris, Dallas, Pa.

75780 **Friendship Star's Beauty**
Sire *Friendship Star* 25195. Dam *Main Stay Champion's Beauty* 68896.
Born Nov. 5, 1914. B. and O.: Thomas King, Saltsburg, Pa.

75781 **Hazel of Dupont**
Sire *Matterhorn* 23090. Dam *Lady Dupont 2d* 24121.
Born Dec. 26, 1916. B. and O.: L. D. Churchill, Marion, Wis.

75782 **Hambro's Janette of Hickory Hill**
Sire *Belle T.'s Hambro* 29114. Dam *Janette of Hickory Hill* 42101.
Born Feb. 27, 1917. B. and O.: L. J. Chapman, Fort Atkinson, Wis.

75783 **Mary Boots of Wautoma**
Sire *His Majesty of Riverside Park Farm* 21102. Dam *Lalla Boots of Fairview* 42466.
Born March 8, 1917. B. and O.: Reynard Nelson, Wautoma, Wis.

75784 **Anita of Seneca Trail**
Sire *Vulcan of Caslon* 33592. Dam *Minnehaha of Westwood* 41432.
Born Jan. 24, 1917. B. and O.: C. R. Owens, Freedom, N. Y.

75785 **Merry Gold of Manitowoc Island Farm**
Sire *Golden Boy of Lone Pine* 22371. Dam *Soleil of Dunn County Guernsey Farm* 43166.
Born Feb. 23, 1917. B. and O.: A. J. Griffin, Manitowoc, Wis.

75786 **The Bullrushes Rutila**
Sire *Peter the Great of Maple Glen* 30994. Dam *Glen Gable Ethel* 57686.
Born April 18, 1917. B.: Parker & Coggshall, Moravia, N. Y. O.: Sallie Deuell Bull, Slaterville Springs, N. Y.

75787 **Ingleside Moyra May Rose**
Sire *Dolly Bloom's May King of Ingleside* 27447. Dam *Ingleside Moyra* 57019.
Born Feb. 11, 1917. B. and O.: Truman W. Brophy, Edison Park, Chicago, Ill.

75788 **Rowena of Westholm**
Sire *Johnnie Dimple 2d* 28034. Dam *Lhodora* 49425.
Born Feb. 1, 1917. B. and O.: W. W. Holmes, Waterbury, Conn.

75789 **Cever of Westholm**
Sire *Johnnie Dimple 2d* 28034. Dam *Miriam of Orleton 4th* 47241.
Born Feb. 22, 1917. B. and O.: W. W. Holmes, Waterbury, Conn.

75790 **Glenwood Maid of Clermont**
Sire *Glenwood Beauty's Bonny Boy* 31165. Dam *Clermont Maid* 27880.
Born Feb. 20, 1917. B. and O.: John H. Ryphenburgh, Tivoli, N. Y.

75791 **Speckle of Little Platt**
Sire *Spot of Little Platt* 34634. Dam *Annie of the Rue Cohu* 42454.
Born March 21, 1917. B. and O.: Clyde McLeod, Platteville, Wis.

75792 **Tiny of Little Platt**
Sire *Spot of Little Platt* 34634. Dam *Pansy of Little Platt* 53302.
Born April 19, 1917. B. and O.: J. N. McLeod, Platteville, Wis.

75793 **Jethro's Honorbright of Bosworth Field**
Sire *Jethro's Coniston* 24065. Dam *Imp. Clara's Sequel's Honor Bright* 50450.
Born May 2, 1916. B. and O.: Charles W. Bosworth, Springfield, Mass.

75794 **Lady Bess of Sweet Springs**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Sequel's Bell-dame* 42814.
Born Nov. 13, 1916. B. and O.: H. M. Allen, Troy, Ohio.

75795 **Janet of Sweet Springs**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Sequel's Muriel* 42808.
Born April 27, 1917. B. and O.: H. M. Allen, Troy, Ohio.

75796 **Dora of Sweet Springs**
Sire *Jacqueminot of Linda Vista* 23564. Dam *Dora's Mildred 4th* 18190.
Born Aug. 8, 1917. B. and O.: H. M. Allen, Troy, Ohio.

75797 **Zelda of Lakeside**
Sire *Nerio of Bon Ayre* 31526. Dam *Zelda of Mountainview* 32545.
Born Nov. 26, 1916. B.: Fred C. Holbeck, Lansing, Mich. O.: Henry Boyes, Fenton, Mich.

75798 **Okay's Rose's Buttercup**
Sire *Imp. The White Knight* 29279. Dam *Imp. Okay's Rose of Roque Balan* 50783.
Born March 21, 1917. B. and O.: J. S. Govin, Menomonie, Wis.

75799 **Governor's Daisy Pearl of Mount Hope**
Sire *Daisy Pearl's Governor* 32130. Dam *Golden Dream of Anna Dean Farm* 56643.
Born Aug. 4, 1917. B.: O. C. Barber, Barberton, Ohio. O.: E. Parmalee Prentice, Williamstown, Mass.

75800 **Cramond Dolores**
Sire *Langwater Warrior* 26509. Dam *Langwater Easter Lily* 39269.
Born July 13, 1917. B.: F. L. Ames, North Easton, Mass. O.: Henry G. Lapham, Brookline, Mass.

75801 **Helen Silver**
Sire *Langwater Warrior* 26509. Dam *Helen Gold* 34817.
Born April 14, 1917. B.: J. S. Ames, North Easton, Mass. O.: Edmund H. Sears, Wayland, Mass.

75802 **Rose of Brooklandwood**
Sire *King of the Meadow* 25628. Dam *Imp. Jessy Rose VI.* 35516.
Born March 8, 1917. B. and O.: I. E. Emerson, Lutherville, Md.

75803 **Laverna's Ultra Girl**
Sire *Laverna's Ultra May King* 24660. Dam *Greenbrier Girl* 58564.
Born March 17, 1917. B.: John G. Thompson, Landover, Md. O.: I. E. Emerson, Lutherville, Md.

75804 **Queen of Brooklandwood**
Sire *Langwater Royal 14th* 34675. Dam *Effie Queen* 37256.
Born March 26, 1917. B.: Est. James Campbell, Kane, Pa. O.: I. E. Emerson, Lutherville, Md.

75805 **Brooklandwood Gibson Girl**
Sire *King of the Meadow* 25628. Dam *Gibson Girl* 23453.
Born May 29, 1917. B. and O.: I. E. Emerson, Lutherville, Md.

75806 **Bayberry Bonnie**
Sire *Langwater Warrior* 26509. Dam *Imp. Frederick's Lily* 35770.
Born July 12, 1917. B.: F. L. Ames, North Easton, Mass. O.: G. A. Lung, Bristol, R. I.

75807 **Anna of Irvin Place**
Sire *Sherwood of Bercado Farm* 37974. Dam *Hulda of Irvin Place* 58626.
Born March 29, 1917. B. and O.: William L. Christian, Granger, Ind.

75808 **Bessie of Irvin Place**
Sire *Sherwood of Bercado Farm* 37974. Dam *India of Irvin Place* 37471.
Born April 25, 1917. B. and O.: William L. Christian, Granger, Ind.

75809 **Liberty's Lilly**
Sire *Bessie's Prince Champion* 37200. Dam *Jason's Lilly of Somerset* 41986.
Born June 1, 1917. B. and O.: L. B. Holmes, West Liberty, Iowa.

75810 **Liberty's Rose**
Sire *Bessie's Prince Champion* 37200. Dam *Little Rose of Iowanola* 55848.
Born June 4, 1917. B. and O.: L. B. Holmes, West Liberty, Iowa.

75811 **Bessie of Northside**
Sire *Proca of Eastside* 28103. Dam *Sunny Cole of Westwood* 36621.
Born Feb. 17, 1917. B. and O.: Eugene M. Elderkin, Springville, N. Y.

75812 **Queen's Sequel of Chicona**
Sire *Pearl's Fern Ridge King* 21492. Dam *Queen of the Western Meadows* 49284.
Born April 19, 1917. B. and O.: Albion L. Gile, Chinook, Wash.

75813 **Bonita of Chicona**
Sire *King of Medfield* 15434. Dam *Bess' Sequel's Bess* 38198.
Born April 28, 1917. B. and O.: Albion L. Gile, Chinook, Wash.

75814 **Linda of Chicona**
Sire *Pearl's Fern Ridge King* 21492. Dam *Lucy of Alfalfa Farms* 31051.
Born May 18, 1917. B. and O.: Albion L. Gile, Chinook, Wash.

75815 **Blossom of Chicona**
Sire *Pearl's Fern Ridge King* 21492. Dam *Buttercup of Willow Brook* 42503.
Born May 23, 1917. B. and O.: Albion L. Gilé, Chinook, Wash.

75816 **May Queen of Minot**
Sire *Langwater Royal* 14253. Dam *May Queen of Pomeroy* 57443.
Born Dec. 23, 1916. B.: M. T. Phillips, Pomeroy, Pa. O.: E. S. Person, Minot, N. Dak.

75817 **Madgette of Llanwhitkell**
Sire *Billy of North Star* 25350. Dam *Madge of Hilltop* 24721.
Born June 7, 1914. B.: Charles L. Ide, Littleton, N. H. O.: Mrs. Honora Cook, Mount Holly, Vt.

75818 **Lost Queen of Foulkes Farm**
Sire *Increase of Oakdale* 33677. Dam *Queen Theresa* 21802.
Born Feb. 1, 1917. B. and O.: R. A. Wilkinson, Lake Elmo, Minn.

75819 **Dairymaid's Blossom**
Sire *Imp. Osceola Jewel* 30957. Dam *Dairymaid of Hillside Terrace* 43058.
Born Feb. 1, 1917. B. and O.: V. E. Gregory, Afton, N. Y.

75820 **Hero's Anchora**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Oatka Anchora* 24212.
Born July 22, 1916. B. and O.: W. H. Gratwick, Buffalo, N. Y.

75821 **Hero's Highland Lillie**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Lillie of Cold Spring Farm 3d* 44235.
Born Oct. 31, 1916. B. and O.: W. H. Gratwick, Buffalo, N. Y.

75822 **Hero's Livingston Beauty**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Masher's Beauty of the Haut Pavé* 18082.
Born Nov. 14, 1916. B. and O.: W. H. Gratwick, Buffalo, N. Y.

75823 **Hero's Lillie of Livingston**
Sire *Imp. Hero of King's Mills Lodge* 16906. Dam *Lillie of Cold Spring Farm 2d* 34563.
Born Nov. 29, 1916. B. and O.: W. H. Gratwick, Buffalo, N. Y.

75824 **Phyllis of Leominster**
Sire *Pogus* 41826. Dam *Phyllis of Riverside* 35274.
Born Feb. 6, 1917. B.: C. W. Hoitt, Nashua, N. H. O.: W. H. Boyden, Leominster, Mass.

75825 **Cosy of Chesney Farms**
Sire *Dairymaid's Stranford of Pinehurst* 19003. Dam *Imp. Cosy IV. of the Vauxbelets* 39648.
Born March 12, 1917. B. and O.: O. W. Lehmann, Lake Villa, Ill.

75826 **Clara Marie**
Sire *Silky's Boss* 33666. Dam *Lula of Oakwood* 56767.
Born Jan. 8, 1917. B. and O.: Walter T. Allen, Mount Vernon, Ind.

75827 **Rose's Miss Topsy**
Sire *Diamond's Comet* 45713. Dam *Diamond's July Rose* 55045.
Born Jan. 26, 1917. B. and O.: J. M. Miller, Burlington, Wash.

75828 **Lily Emerita's Linda**
Sire *Easter's Governor* 22599. Dam *Lily Emerita* 30447.
Born Jan. 29, 1917. B. and O.: John C. Higgins, Delaware City, Del.

75829 **Ida Chêne's Queen of the May**
Sire *Charlotte's May King* 25522. Dam *Ida Chêne* 30459.
Born Feb. 19, 1917. B. and O.: John C. Higgins, Delaware City, Del.

75830 **Glenwood Girl's Beauty**
Sire *Glenwood's Main Stay 32d* 19351. Dam *Glenwood Girl 5th's G. D. of Haddon* 28939.
Born March 5, 1917. B.: Walter F. Klemm, Malvern, Pa. O.: Charles E. Ingersoll, Penllyn, Pa.

75831 **Coraline's Sequel**
Sire *Gulnare's Billy Sequel* 27529. Dam *Miss Coraline of Oregon* 33976.
Born April 15, 1915. B.: S. M. Shipley, Seattle, Wash. O.: Carnation Stock Farms, Seattle, Wash.

75832 **Mar's Sequel of Claremont**
Sire *Gulnare's Billy Sequel* 27529. Dam *Mar's Caridad* 37176.
Born July 10, 1915. B.: S. M. Shipley, Seattle, Wash. O.: L. D. Smith, Berkeley, Cal.

75833 **Mysie's Jane of Claremont**
Sire *President's Mysie* 24141. Dam *Miss Coraline of Oregon* 33976.
Born April 21, 1916. B. and O.: Carnation Stock Farms, Seattle, Wash.

75834 **Mysie's Moon of Claremont**
Sire *President's Mysie* 24141. Dam *Lassie of Ledyard 2d* 24877.
Born Jan. 23, 1917. B. and O.: L. D. Smith, Berkeley, Cal.

75835 **Margaret's Lady North**
Sire *Wasteland Advocate* 24610. Dam *Margaret of Meadow Brook* 52497.
Born Jan. 6, 1917. B.: Norman B. Chandler, Unionville, Pa. O.: Parker & Coggshall, Moravia, N. Y.

75836 **Cherry's Iota of Greenway**
Sire *Oakland Maynard* 27682. Dam *Cherry of Greenway* 38222.
Born April 19, 1917. B. and O.: H. G. Cheney, South Manchester, Conn.

75837 **Lamda of Greenway**
Sire *Oakland Maynard* 27682. Dam *Reality of Greenway 2d* 38224.
Born June 15, 1917. B. and O.: H. G. Cheney, South Manchester, Conn.

75838 **Julane**
Sire *Rajah of Linda Vista* 26893. Dam *Cold Brook's Esther* 19365.
Born Feb. 24, 1917. B. and O.: A. H. Van Gorder, Willoughby, Ohio.

75839 **Ruth Alice of Woody-Nook**
Sire *Glenwood Boy of Park View* 36224. Dam *Golden Rose of Park View* 61337.
Born March 21, 1917. B. and O.: N. S. Heaney, Lombard, Ill.

75840 **Brenda May Rose of Borden's**
Sire *May King of the Chêne* 26775. Dam *Brenda M.* 41816.
Born April 11, 1917. B. and O.: Borden's Condensed Milk Co., New York, N. Y.

75841 **Finetta May Rose of Borden's**
Sire *May King of the Chêne* 26775. Dam *Finetta of Bonny Mead* 32737.
Born July 1, 1917. B. and O.: Borden's Condensed Milk Co., New York, N. Y.

75842 **Velda Rose**
Sire *Imp. Westmoreland Squire* 21665. Dam *Imp. Pansy's Rose d'Or* 54971.
Born Feb. 10, 1917. B.: W. H. Dupee, Santee, Cal. O.: F. J. Lewis, Banks, Oregon.

75843 **Bertelle of Wallinwood**
Sire *Park's Yeksa Jethro* 32640. Dam *Bertelle of Kentrevor* 45491.
Born Feb. 28, 1917. B.: John H. Williams, Waukesha, Wis. O.: F. W. Wallin, Grand Rapids, Mich.

75844 **Blossom of Alfabrook**
Sire *Rose's Starlight* 33080. Dam *Chilli of the Ridge* 52989.
Born March 30, 1917. B. and O.: W. H. Oliver & D. R. Edgerly, Grand Rapids, Mich.

75845 **Cone**
Sire *Nantaska's Lad* 37508. Dam *Ilena M.* 52223.
Born Feb. 15, 1917. B. and O.: F. O. Melvin, Bradford, N. H.

75846 **Holden's Roseleaf**
Sire *Daisy's Holden of Iowa* 27338. Dam *Archer's Roseleaf* 60954.
Born April 2, 1917. B. and O.: H. D. Lovejoy, West Salem, Wis.

75847 **Holden's A. Bella**
Sire *Daisy's Holden of Iowa* 27338. Dam *Archer's Bella* 60953.
Born April 5, 1917. B. and O.: H. D. Lovejoy, West Salem, Wis.

75848 **Holden's Trixie**
Sire *Daisy's Holden of Iowa* 27338. Dam *Diamond Trixie* 41531.
Born Aug. 1, 1917. B. and O.: H. D. Lovejoy, West Salem, Wis.

75849 **Primrose's Mistake**
Sire *Duke of Lilydale Farm* 34445. Dam *Primrose of Forest Lodge* 59508.
Born Feb. 17, 1917. B. and O.: William Haag, Marshfield, Wis.

75850 **Rappana's Keila**
Sire *Chestnut Ridge Buttercup Bob* 26031. Dam *Rappana* 14863.
Born June 20, 1916. B. and O.: C. E. Polley, Transfer, Pa.

75851 **Irene Sunset**
Sire *Jeannette's Sequel's Joe* 20145. Dam *Bess of Maple Avenue* 30602.
Born April 28, 1915. B. and O.: H. F. McGlauflin, Presque Isle, Maine.

75852 **Lady Ormond of Lone Pine**
Sire *Sir Bickleigh* 27097. Dam *Anna Barker* 33787.
Born May 20, 1915. B. and O.: William B. Nisbet, Great Barrington, Mass.

75853 **Lone Pine Valentine**
Sire *Sir Bickleigh* 27097. Dam *Joan Valentine* 27907.
Born Feb. 14, 1917. B. and O.: William B. Nisbet, Great Barrington, Mass.

75854 **Petite Musette of Lone Pine**
Sire *Sir Bickleigh* 27097. Dam *Cligne Musette of Lone Pine Farm* 65198.
Born March 19, 1917. B. and O.: William B. Nisbet, Great Barrington, Mass.

75855 **Bickleigh's Bell of Lone Pine**
Sire *Sir Bickleigh* 27097. Dam *Tinker Bell of Lone Pine Farm* 49776.
Born March 29, 1917. B. and O.: William B. Nisbet, Great Barrington, Mass.

75856 **Helen Paul of Linden Shade**
Sire *Victor Paul* 26048. Dam *Dainty Paul 2d* 20910.
Born Dec. 31, 1916. B. and O.: Herbert D. Fell, West Grove, Pa.

75857 **Lorraine of Kingsbury Meadow**
Sire *King Jewel Dandy of Winnisquam* 33373. Dam *Hester's Primrose* 52077.
Born March 12, 1917. B.: W. E. G. Sparrow, Saint Johnsbury, Vt. O.: Byron L. Wilbur, North Montpelier, Vt.

75858 **Ruby Glenwood of Loyal**
Sire *Northwest Limited* 20017. Dam *Jessie Glenwood of Hillsdale* 34567.
Born April 9, 1917. B. and O.: E. H. Marvin, Loyal, Wis.

75859 **Rowena's Gold Nugget**
Sire *Dolly's King Francis* 35178. Dam *Golden Rowena* 28300.
Born Jan. 18, 1917. B. and O.: James P. Smith, Jr., Strickersville, Pa.

75860 **Tessey of Dead Lake**
Sire *Yenta's Raymond of Meadowview* 28466. Dam *Beauty of Mount Rib* 43824.
Born May 6, 1917. B. and O.: A. Marckel, Perham, Minn.

75861 **Primrose of Donnybrook**
Sire *Soapstone Boy* 12988. Dam *Jenny of Donnybrook* 54810.
Born April 11, 1917. B. and O.: Joseph H. Johnson, Donnybrook, N. Dak.

75862 **Bud of Green Acre**
Sire *Florham Moss Raider* 30517. Dam *Bud of Willow Brook* 35382.
Born June 2, 1917. B.: Mrs. George E. Holton, Catasauqua, Pa. O.: John A. Miller, Nazareth, Pa.

75863 **Violet's Rose of Edgerton**
Sire *Deanie's Rose King* 17773. Dam *Direxia's Violet* 33366.
Born April 28, 1917. B.: Edward R. Andrews, Putney, Vt. O.: Arthur J. Pierce, Bennington, N. H.

75864 **Robinetta's Pride of Edgerton**
Sire *Deanie's Rose King* 17773. Dam *Robinetta of Elm-Leigh* 39545.
Born May 5, 1917. B.: Edward R. Andrews, Putney, Vt. O.: Arthur J. Pierce, Bennington, N. H.

75865 **Golden of Rocklawn**
Sire *Rocklawn Boy* 38260. Dam *Glengreta C.* 27433.
Born July 20, 1917. B. and O.: Mrs. James B. Case, Weston, Mass.

75866 **Goldfinch of Rocklawn**
Sire *Rocklawn Boy* 38260. Dam *Georgette of Rocklawn* 33730.
Born July 21, 1917. B. and O.: Mrs. James B. Case, Weston, Mass.

75867 **Sunbeam of Sunshine**
Sire *Duke of Elder Grove* 26053. Dam *Miss Sunshine* 41391.
Born May 23, 1917. B. and O.: M. D. Odekirk, Springbrook, Wis.

75868 **Orpah of Birchwood**
Sire *Star of Destiny* 34708. Dam *Mernie of Birchwood* 61905.
Born April 28, 1917. B. and O.: M. L. Welles, Rosendale, Wis.

75869 **Olga of Birchwood**
Sire *Northwest* 14011. Dam *Helen of Birchwood* 32253.
Born May 13, 1917. B. and O.: M. L. Welles, Rosendale, Wis.

75870 **Cherry of Rockridge**
Sire *Nabisco of Kaolin* 27325. Dam *Starlight of Glenmere* 39225.
Born March 31, 1917. B. and O.: Arthur W. McDaniel, East Barrington, N. H.

75871 **Governess of Walnut Glens 2d**
Sire *Walnut Glens Teddy* 31066. Dam *Governess of Walnut Glens* 60512.
Born Feb. 22, 1917. B.: R. D. Gates, Novelty, Ohio. O.: Louis Rothlisberger, Novelty, Ohio.

75872 **Toronita Issena**
Sire *Inez's Yeksa* 29764. Dam *Sarah of Sherwood* 35149.
Born March 10, 1917. B. and O.: G. L. Jenner, Pontiac, Mich.

75873 **Toronita Oweenee**
Sire *Inez's Yeksa* 29764. Dam *Wilhelmina Girl's Dolly* 44814.
Born April 4, 1917. B. and O.: G. L. Jenner, Pontiac, Mich.

75874 **Victor's Alice of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Alice Glenwood* 29773.
Born May 28, 1917. B. and O.: August Ziesing, Deerfield, Ill.

75875 **Sapphire of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Glenwood Girl of the Diamond* 29269.
Born June 3, 1917. B. and O.: August Ziesing, Deerfield, Ill.

75876 **Pocahontas of Twin Pine**
Sire *Victor May King* 34506. Dam *Pocahontas of Monroe* 51002.
Born Feb. 20, 1917. B.: Albert Warrington, Salem, Ohio. O.: O. F. Sidwell, Salem, Ohio.

75877 **Janette's Darling of Wayside**
Sire *Yeksa's Sequel Lad* 27534. Dam *Cherry Farm Janette* 46003.
Born Feb. 20, 1917. B. and O.: D. C. Gray, Andover, Ohio.

75878 **Thelma's Lily of Four Pine**
Sire *Lily's May King* 31554. Dam *Glendell's Thelma Glenwood* 39031.
Born July 11, 1917. B.: Martin T. Allwardt, Yorkville, Ill. O.: Fred K. Babson, Hinsdale, Ill.

75879 **Topsy May of Fern Ridge Farm**
Sire *Myron of Cherrydale* 27015. Dam *Bolton Rosy's Violet* 55287.
Born July 26, 1917. B. and O.: John R. Kunkel, McKnightstown, Pa.

75880 **Rose's Beauty of Oak Grove**
Sire *Daisy's Lucky Star* 27699. Dam *Imp. Rose II. des Dunes* 44318.
Born April 4, 1917. B. and O.: E. O. Sankey, Durand, Wis.

75881 **Clover Blossom of Oak Grove**
Sire *Daisy's Lucky Star* 27699. Dam *Arawana of Meadowlands* 33196.
Born April 26, 1917. B. and O.: G. W. Sankey, Durand, Wis.

75882 **Venus's Butter Girl**
Sire *Daisy's Lucky Star* 27699. Dam *Imp. Venus VIII. of the Vauxbelets* 50359.
Born May 10, 1917. B. and O.: G. W. Sankey, Durand, Wis.

75883 **Elm Summit's Princess**
Sire *Billikins* 33593. Dam *Imogene of Highlands 2d* 44236.
Born March 10, 1917. B. and O.: Chester A. Parnell, Pavilion, N. Y.

75884 **Merilla's Dairymaid of Verdun**
Sire *Star of Ogdensburg* 31705. Dam *Merilla's Ochsa* 53600.
Born Feb. 16, 1917. B. and O.: E. L. Leppen, Nelsonville, Wis.

75885 **Daisy's Pearl of Verdun**
Sire *Star of Ogdensburg* 31705. Dam *Daisy of Loberg Glen* 54086.
Born July 7, 1917. B. and O.: E. L. Leppen, Nelsonville, Wis.

75886 **Yeksa Tinkle's Materna**
Sire *Woodrow of Lake View* 26195. Dam *Yeksa Tinkle* 25482.
Born May 19, 1917. B. and O.: John Fowlie, Sheridan, Wis.

75887 **Lillie of Prairie Mound**
Sire *Reputation's Model* 25828. Dam *Ladyette of Prairie Mound* 72513.
Born Feb. 8, 1917. B. and O.: D. P. Daniels & Son, Vandalia, Mo.

75888 **Rose of Houtzdale**
Sire *Topnotcher's Dewey* 17056. Dam *Blossom of Clearfield* 74403.
Born May 22, 1917. B. and O.: J. B. Ogden, Clearfield, Pa.

75889 **Leda's Miss Sequel**
Sire *Sir Linden Masher's Galore* 36016. Dam *Leda of Oak Ridge* 47777.
Born July 18, 1917. B. and O.: Mrs. August Belmont, New Ashford, Mass.

75890 **Frances of Kynlyn**
Sire *Field Marshall Oyama of Clearview* 17013. Dam *Frances of Clearview 2d* 51518.
Born Nov. 9, 1914. B.: Nathan W. Lippincott, Swedesboro, N. J. O.: Harold Perot Keen, Bellevue, Del.

75891 **Lady Betty of Kynlyn**
Sire *France's King of Wawa* 27868. Dam *Frances of Kynlyn* 75890.
Born Nov. 19, 1916. B. and O.: Harold Perot Keen, Bellevue, Del.

75892 **Sir Roderick's Buttercup**
Sire *Sir Roderick of Wasteland* 24608. Dam *Glenwood's Buttercup of Mingo Junction* 39030.
Born Dec. 3, 1916. B. and O.: French Bros., Andover, Ohio.

75893 **Sir Roderick's Dew Drop**
Sire *Sir Roderick of Wasteland* 24608. Dam *Glenwood Yeksa's Golda* 58933.
Born Dec. 10, 1916. B. and O.: French Bros., Andover, Ohio.

75894 **Rose Urania**
Sire *Imp. Raymond of Foxburg* 30467. Dam *Rose Theressa* 56089.
Born Feb. 6, 1917. B. and O.: H. C. Hyatt, Du Bois, Pa.

75895 **Strawberry of Castanea**
Sire *Strawberry's May Rose King* 29236. Dam *Bessie of Castanea* 49768.
Born Feb. 19, 1917. B. and O.: H. W. Comfort, Fallsington, Pa.

75896 **Ononeda May**
Sire *The Senator* 10335. Dam *Lady Babbie* 19186.
Born May 6, 1909. B. and O.: Louis A. Noe, Madison, N. J.

75897 **Wyebrook Blanchflower**
Sire *Wyebrook May King* 34218. Dam *Imp. Blanchflower XX.* 47923.
Born June 20, 1917. B. and O.: C. L. A. Whitney, Albany, N. Y.

75898 **Naomi's and Princess's Rose**
Sire *Naomi's Choice* 22872. Dam *Princess Clare* 50006.
Born Feb. 7, 1917. B. and O.: W. H. Clark, Bridgeton, N. J.

75899 **May Rose Daphne of Ewing**
Sire *May Rose King of Ewing* 27234. Dam *Imp. Hilda II. of the Spurs* 39461.
Born Jan. 26, 1917. B.: F. W. Roebling, Trenton, N. J. O.: Oaklands Farm Co., Trenton Junction, N. J.

75900 **Cyprus Carolyn of Ewing**
Sire *Naomi's Choice* 22872. Dam *Marguerite's Cyprus Choice* 67921.
Born Jan. 26, 1917. B.: W. H. Clark, Bridgeton, N. J. O.: Oaklands Farm Co., Trenton Junction, N. J.

75901 **France's Marigold of Ewing**
Sire *May Rose King of Ewing* 27234. Dam *Sapphire of Ewing* 54299.
Born Feb. 8, 1917. B.: F. W. Roebling, Trenton, N. J. O.: Oaklands Farm Co., Trenton Junction, N. J.

75902 **Golden Rose of Ewing**
Sire *May Rose King of Ewing* 27234. Dam *Chronicle's Favourite of Ewing* 59369.
Born Feb. 16, 1917. B.: F. W. Roebling, Trenton, N. J. O.: Oaklands Farm Co., Trenton Junction, N. J.

75903 **Dorothy of Sugar River**
Sire *Celosia's Glenwood of Sugar River* 30028. Dam *Dorothy K. of Brodhead* 43302.
Born March 2, 1917. B. and O.: Allie S. Knudson, Brodhead, Wis.

75904 **Holden's Cherry Blossom of Brook Lawn**
Sire *Ninette's Holden of Edgewater* 22881. Dam *Laura B. of Edgewater* 53036.
Born Feb. 11, 1917. B. and O.: H. C. Davis & W. P. Lanctot, Churchville, N. Y.

75905 **Hillswold Patricia**
Sire *Imp. His Excellency of Linda Vista* 28386. Dam *Mona of Bayside* 34044.
Born May 3, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

75906 **Hillswold Daisy**
Sire *Imp. His Excellency of Linda Vista* 28386. Dam *Charity of Carwytham* 53098.
Born June 9, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

75907 **Hillswold Buttercup**
Sire *Rameses Hillswold* 34018. Dam *Carwytham Rosemary* 41123.
Born June 17, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

75908 **Hillswold Goldie**
Sire *Imp. His Excellency of Linda Vista* 28386. Dam *Hillswold Mamie* 53055.
Born June 19, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

75909 **Hillswold Blancha**
Sire *Rameses Hillswold* 34018. Dam *Blanche of Bayside* 44383.
Born Aug. 8, 1917. B. and O.: E. E. Hills, Shrewsbury, Mass.

75910 **Princess's Star of Hillside**
Sire *Olsen Lehigh* 28134. Dam *Polly's Princess of Hillside* 58798.
Born June 26, 1917. B.: W. C. Hill & Wilkins Bros., Platteville, Wis. O.: Wilkins & Hill, Platteville, Wis.

75911 **Sarah's Lad's Daughter**
Sire *Sarah's Lad* 18736. Dam *Emilia* 37774.
Born April 3, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75912 **May Rose Count's Lass**
Sire *Pencoyd's May Rose Count* 34171. Dam *Bucket* 37771.
Born May 12, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75913 **May Rose Count's Rose**
Sire *Pencoyd's May Rose Count* 34171. Dam *Sarah's Lad's Koumiss's Daughter* 52428.
Born June 9, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75914 **May Rose Count's Tulip**
Sire *Pencoyd's May Rose Count* 34171. Dam *Sarah's Lad's Solona* 47425.
Born June 9, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75915 **May Rose Count's Mayflower**
Sire *Pencoyd's May Rose Count* 34171. Dam *Solona* 37770.
Born July 11, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75916 **Lady of Manoa**
Sire *Lord Mysie of Lewison* 12580. Dam *Imp. Ferbrache's Lily* 27558.
Born Nov. 28, 1912. B. and O.: College of Hawaii, Honolulu, T. H.

75917 **Lady May of Tannenhof**
Sire *Captain Cedric* 25977. Dam *Imp. May of Sarnia* 35632.
Born March 24, 1917. B.: Roy C. Buzzell, Stanley, Wis. O.: David Kienholz & Son, Stanley, Wis.

75918 **Belle's Lilian of Floyd**
Sire *Dolsey's Yeksa Prince* 17537. Dam *Belle of Floyd* 39088.
Born Feb. 15, 1917. B. and O.: D. W. Grotenhuis, Hospers, Iowa.

75919 **Polled Magdelene of Floyd**
Sire *Golden Lad of Floyd* 33974. Dam *Polled Evelyn of Floyd* 47138.
Born Feb. 21, 1917. B. and O.: D. W. Grotenhuis, Hospers, Iowa.

75920 **Utsyanthia's Third**
Sire *Seward* 7997. Dam *Utsyanthia* 15055.
Born Oct. 28, 1906. B.: Isaac P. Nichols, North Harpersfield, N. Y. O.: Frank Cornell, Stamford, N. Y.

75921 **Miss Elmwood**
Sire *King George of Pleasant View* 20201. Dam *Miss Hammond* 38802.
Born Jan. 13, 1917. B. and O.: Ole Peterson, Elmwood, Wis.

75922 **Violet of Esker View**
Sire *Charlie G. of Edgewater* 30205. Dam *Prince Regent's Priscilla of Esker View* 45201.
Born Feb. 21, 1917. B. and O.: Scott W. Swarts, Springwater, N. Y.

75923 **Blenda's Cora**
Sire *Imp. Lemon's Franc* 29129. Dam *Imp. Blenda of Sarnia* 46571.
Born May 15, 1917. B. and O.: Emil Marten, Eau Claire, Wis.

75924 **Florence of Culpen Herd**
Sire *Albert of Culpen Herd* 26094. Dam *Rebecca of Seneca* 16617.
Born Feb. 28, 1917. B. and O.: G. H. Cullen and E. R. Pennock, Landenberg, Pa.

75925 **Rachel of Culpen Herd**
Sire *Doctor Sam of Culpen Herd* 32093. Dam *Edna of Pomeroy* 27743.
Born March 22, 1917. B. and O.: G. H. Cullen and E. R. Pennock, Landenberg, Pa.

75926 **Eleanor of Culpen Herd**
Sire *Albert of Culpen Herd* 26094. Dam *Woodlawn's Clara* 27745.
Born March 23, 1917. B. and O.: G. H. Cullen and E. R. Pennock, Landenberg, Pa.

75927 **Golden Mabel**
Sire *Aimable of Oak Ridge* 22113. Dam *Golden Leona* 31391.
Born April 18, 1917. B. and O.: M. B. Rowe, Fredericksburg, Va.

75928 **Gentle Myrtle**
Sire *Aimable of Oak Ridge* 22113. Dam *Myrtle Barnekov* 47825.
Born May 14, 1917. B. and O.: M. B. Rowe, Fredericksburg, Va.

75929 **Pride's Lovely Laura B.**
Sire *Pride's Romper* 34242. Dam *Lovely Laura B.* 54733.
Born Feb. 25, 1917. B. and O.: S. R. Brunges, Tunkhannock, Pa.

75930 **Anna B.'s Bell**
Sire *Pride's Romper* 34242. Dam *Anna B.* 22248.
Born March 1, 1917. B. and O.: S. R. Brunges, Tunkhannock, Pa.

75931 **Pride's Romper's Lass**
Sire *Pride's Romper* 34242. Dam *Lass of Prospect Hill* 48983.
Born March 5, 1917. B. and O.: S. R. Brunges, Tunkhannock, Pa

75932 **Marken's Daisy**
Sire *Bond of Maude Iris* 21121. Dam *Queen Robin* 52388.
Born Feb. 19, 1917. B. and O.: Otis A. Marken, Valders, Wis.

75933 **Marken's Buttercup**
Sire *Bond of Maude Iris* 21121. Dam *Lovelady's Buttercup* 41001.
Born March 15, 1917. B. and O.: Otis A. Marken, Valders, Wis.

75934 **Lovelady's Dolly**
Sire *Bond of Maude Iris* 21121. Dam *Lovelady* 23946.
Born March 28, 1917. B. and O.: Otis A. Marken, Valders, Wis.

75935 **Miss Nancy of Lookwell Guernsey Farm**
Sire *Nancy's Boy of Maple Hill* 31075. Dam *Dorothy Dimple of St Joe Valley* 39083.
Born Feb. 23, 1917. B. and O.: Mervin Eby, Wakarusa, Ind.

75936 **Princess Pat of Cobble Stone Lodge**
Sire *Prince Masher* 31937. Dam *Princess Mabe* 41709.
Born Nov. 4, 1916. B. and O.: Clair Strickland, Camillus, N. Y.

75937 **Joyce of Jefferson**
Sire *Glenwood's Noble Secret* 23999. Dam *Joyce of Riverside* 47513.
Born Feb. 23, 1917. B. and O.: E. H. Kiesling, Jefferson, Wis.

75938 **Estella Fontelle**
Sire *Dimple Bloom 9th* 26430. Dam *Estella of Elk View* 43343.
Born Feb. 22, 1917. B. and O.: T. D. Jones, Uniondale, Pa.

75939 **Blossom's Sunbeam of Village View Farm**
Sire *Mouilpied Hero* 22383. Dam *Hope's Blossom of Orchardcrest* 41054.
Born Feb. 28, 1917. B. and O.: L. T. Lee, Holmen, Wis.

75940 **May Rose Count's Golden Glow**
Sire *Pencoyd's May Rose Count* 34171. Dam *Parsley* 37772.
Born July 19, 1917. B. and O.: J. M. Fox, Foxburg, Pa.

75941 **Charmian of Ingleside**
Sire *Roslyn of Riverside* 11217. Dam *Charmian of Riverside 3d* 32274.
Born June 14, 1911. B.: James Forsyth, Owego, N. Y. O.: Truman W. Brophy, Edison Park, Chicago, Ill.

75942 **Jula of Elmshade**
Sire *Signor Moline* 28530. Dam *Moss Rose of Bellview* 42893.
Born Feb. 11, 1917. B. and O.: Albert Lueders, Reedsburg, Wis.

75943 **Flora of Elmshade**
Sire *Signor Moline* 28530. Dam *Leta of Fairview* 44839.
Born Feb. 12, 1917. B. and O.: Albert Lueders, Reedsburg, Wis.

75944 **Peggy of Elmshade**
Sire *Signor Moline* 28530. Dam *Fanny of Catulus* 58505.
Born April 11, 1917. B. and O.: Albert Lueders, Reedsburg, Wis.

75945 **Miss Glenn Lake Side**
Sire *Pearlson of Lake Wausau* 30607. Dam *Miss Glendora 2d* 48725.
Born March 28, 1917. B. and O.: P. A. Sagen, Wausau, Wis.

75946 **Duchess Beth's Mistress Mary**
Sire *Pierce's Prince of Alfarata* 45805. Dam *Duchess Beth* 44058.
Born Feb. 26, 1917. B. and O.: John H. Neikirk & Leighton Neikirk, Lombard, Ill.

75947 **Dosky's Lady Kelso of Maple Ridge Farm**
Sire *Dosky's Magnet* 24458. Dam *Royal Gem's Lady Kelso* 40993.
Born Oct. 10, 1916. B.: Est. O. R. Thompson, Cuyahoga Falls, Ohio. O.: W. E. Ellenberger, Garrettsville, Ohio.

75948 **Jessie of Warren**
Sire *Duke of Alkey* 18446. Dam *Grace's Mabel* 43523.
Born April 14, 1917. B. and O.: S. F. Johnson, Warren, Ind.

75949 **Dorothy of Warren**
Sire *Pride's Hambro* 35933. Dam *Green Acres Milkmaid* 61519.
Born May 1, 1917. B.: Village Farms, Grass Lake, Mich. O.: S. F. Johnson, Warren, Ind.

75950 **Doriance of Edgewood**
Sire *Oscar of Flint Ledge* 34470. Dam *Violet's Yseult* 28293.
Born May 10, 1917. B. and O.: William H. Beard, Rockville, Md.

75951 **Rosemary of Manitowoc Island Farm**
Sire *Gay Lad of Cleveland* 27472. Dam *Beatrice of Manitowoc Island Farm* 53345.
Born April 6, 1917. B. and O.: A. J. Griffin, Manitowoc, Wis.

75952 **Cora Bonita of River Ravine Farm**
Sire *Gay Lad of Cleveland* 27472. Dam *Cora of Cherry Hill Farm* 44146.
Born April 8, 1917. B. and O.: Otto Rogne, Cato, Wis.

75953 **Jerry's Pride of West End Farm**
Sire *Prince Cole's Jerry* 24776. Dam *Modest Fairy of Sunny Side* 42692.
Born Feb. 20, 1917. B. and O.: S. M. Stowell, Alden, N. Y.

75954 **Glenwood's Elizabeth of Haddon 3d**
Sire *Koshkonong Girl's Galaxy* 42484. Dam *Glenwood's Elizabeth of Haddon* 18824.
Born July 7, 1917. B.: Sam H. Smith, Logansport, Ind. O.: Charles Rodgers, Madison, Ind.

75955 **Gallant's Golden Snowdrop**
Sire *Gallant Knight of Iowa* 19511. Dam *Snow Flake Goldy* 47468.
Born March 20, 1917. B. and O.: O. E. Perry, Gilman, Iowa.

75956 **Rose's Gallant Bloom**
Sire *Gallant Knight of Iowa* 19511. Dam *Rose of the Ridge* 47467.
Born April 10, 1917. B. and O.: O. E. Perry, Gilman, Iowa.

75957 **Junata Buckley**
Sire *Mixter Nobska* 28797. Dam *Ansie Buckley* 44124.
Born June 19, 1917. Twin with bull No. 45798. B. and O.: Wilber C. French, Barre, Vt.

75958 **Miss Glenwood of Killarney Farms**
Sire *Roxie's Glenwood of Brodhead* 25288. Dam *Westmoreland Efficiency* 56423.
Born April 10, 1917. B.: Charles A. Dunkelberg, Fort Wayne, Ind. O.: Rob R. McNagny, Columbia City, Ind.

75959 **Elm Road Jennie**
Sire *Major Rilma* 18791. Dam *Elm Road Bird* 41077.
Born April 1, 1917. B. and O.: C. E. Tobey, Phillips, Wis.

75960 **Alicia of Cold Brook Farm**
Sire *Pedro of Maple Avenue* 37249. Dam *Queenie Look* 46963.
Born March 1, 1917. B.: H. S. Holmes, Winthrop, Maine. O.: Charles H. Berry, Monmouth, Maine.

75961 **Uokle Girl of Franklin Farms**
Sire *Imp. Mayor of Mendham* 31250. Dam *Imp. Rosey of Kent* 45979.
Born April 25, 1917. B. and O.: Franklin Murphy, Mendham, N. J.

75962 **Lady Juanita**
Sire *Miss Redy's Standard* 44861. Dam *Silver Tips 2d* 66536.
Born Nov. 23, 1916. B. and O.: H. G. Averill, Malone, N. Y.

75963 **Elizabeth Langlois**
Sire *Sir Audley of the Otselic* 26526. Dam *Eminette Langlois* 58485.
Born Feb. 20, 1917. B. and O.: J. De Ver Lidell, McDonough, N. Y.

75964 **Leona Langlois**
Sire *Sir Audley of the Otselic* 26526. Dam *Arietta Langlois* 50714.
Born March 16, 1917. B. and O.: J. De Ver Lidell, McDonough, N. Y.

75965 **Marion of Argyle**
Sire *Reuben of Edgewater* 31786. Dam *Marion of Oatka* 36265.
Born Feb. 10, 1917. B.: F. G. Benham, Canandaigua, N. Y. O.: R. D. McClure, Lindley, N. Y.

75966 **Princess Polly of Farview**
Sire *Warwick Peach Blow* 24257. Dam *Nancy of Sunnyside* 46617.
Born Feb. 4, 1917. B. and O.: C. Francis Minard, King Ferry, N. Y.

75967 **Maid Marian of Farview**
Sire *Warwick Peach Blow* 24257. Dam *May of Farview* 59180.
Born March 18, 1917. B. and O.: C. Francis Minard, King Ferry, N. Y.

75968 **Nedelka's Queen of the May**
Sire *Yeoman's King of the May* 17053. Dam *Nedelka* 54262.
Born May 7, 1917. B.: Est. George Mixter, Hardwick, Mass. O.: F. A. Davis, Northfield, Mass.

75969 **Fair Weather France**
Sire *Christine's Imp of Maple Lane* 33136. Dam *Beauty of Beaverbrook* 58813.
Born March 11, 1917. B.: J. P. McQueen, Salem, N. Y. O.: Charles S. Fayerweather, New Lebanon, N. Y.

75970 **Fair Weather Belgium**
Sire *Christine's Imp of Maple Lane* 33136. Dam *Pet of Beaverbrook* 58501.
Born March 20, 1917. B. and O.: J. P. McQueen, Salem, N. Y.

75971 **Miss Corbett 4th**
Sire *Young Moneymaker* 24407. Dam *Miss Corbett* 19292.
Born July 29, 1915. B. and O.: George Eddy, Malone, N. Y.

75972 **Moneymaker's Village Girl 3d**
Sire *Young Moneymaker* 24407. Dam *Moneymaker's Village Girl* 51458.
Born Oct. 31, 1915. B. and O.: George Eddy, Malone, N. Y.

75973 **Standard's Village Girl 2d**
Sire *Young Moneymaker* 24407. Dam *Standard's Village Girl* 61432.
Born Nov. 2, 1915. B. and O.: George Eddy, Malone, N. Y.

75974 **Miss Silver Tips**
Sire *Young Moneymaker* 24407. Dam *Hilda of Maryland 2d* 29092.
Born March 29, 1917. B. and O.: George Eddy, Malone, N. Y.

75975 **Young Moneymaker's Miss Corbett**
Sire *Young Moneymaker* 24407. Dam *Miss Corbett 2d* 42190.
Born April 15, 1917. B. and O.: George Eddy, Malone, N. Y.

75976 **Countess of Alswel 2d**
Sire *Dora's Yeksa* 16898. Dam *Countess of Alswel* 44350.
Born May 1, 1917. B. and O.: William J. Lemp, Sappington, Mo.

75977 **Glenwood's Dewdrop of Alswel**
Sire *Dairymaid's Glenwood of Pinehurst 9th* 31151. Dam *Imp. Diamond Dewdrop IV*. 35478.
Born May 5, 1917. B. and O.: William J. Lemp, Sappington, Mo.

75978 **Dulcina Chêne of Crab Tree**
Sire *George's Forgette Boy of Crab Tree* 30815. Dam *Imp. Dulcina of Clovelly* 65848.
Born April 29, 1917. B. and O.: Mrs. Scott Durand, Lake Forest, Ill.

75979 **Maggie Glenhurst**
Sire *Glenhurst Cornerstone* 27712. Dam *Dolly Bates* 53017.
Born March 27, 1917. B.: C. C. Johnston, Butler, Pa. O.: J. B. Duffey, Renfrew, Pa.

75980 **Dorothy Rilma Glenwood of Sugar River**
Sire *Frank Rilma* 21901. Dam *Dorothy Glenwood* 38928.
Born Dec. 24, 1916. B. and O.: Allie S. Knudson, Brodhead, Wis.

75981 **Macy of Sacramento 2d**
Sire *Wasteland Combination* 13124. Dam *Macy of Sacramento* 27834.
Born April 10, 1912. B. and O.: Q. A. Klinger, Sacramento, Pa.

75982 **Miriam of Sacramento**
Sire *Polly's Golden Secret of Pencoyd* 27499. Dam *Gladys of Blue Ridge* 22240.
Born Feb. 5, 1916. B. and O.: Q. A. Klinger, Sacramento, Pa.

75983 **Elmira of Sacramento**
Sire *Polly's Golden Secret of Pencoyd* 27499. Dam *Macy of Sacramento 2d* 75981.
Born May 10, 1916. B. and O.: Q. A. Klinger, Sacramento, Pa.

75984 **Nelly of Apple Ridge**
Sire *Hustler of Apple Ridge Farm* 29717. Dam *Bessie of Apple Ridge* 33373.
Born April 29, 1917. B. and O.: Oscar B. Waltz, Venedocia, Ohio.

75985 **Maggie of Apple Ridge**
Sire *Hustler of Apple Ridge Farm* 29717. Dam *Densie of Apple Ridge* 60694.
Born May 9, 1917. B. and O.: Oscar B. Waltz, Venedocia, Ohio.

75986 **Gerar Hilda**
Sire *Imp. Raymond's Prince* 27630. Dam *Hilda Cole of Westwood* 32921.
Born March 14, 1917. B.: W. J. & C. G. Morton, Springville, N. Y. O.: Louis McL. Merryman, Cockeysville, Md.

75987 **Gerar Rose**
Sire *Rutila's Patient King* 32114. Dam *Rose of Gerar* 53666.
Born March 22, 1917. B. and O.: Louis McL. Merryman, Cockeysville, Md.

75988 **Gerar Rosedale**
Sire *Uncle Jim* 16740. Dam *Miss Rosedale* 42683.
Born May 6, 1917. B. and O.: Louis McL. Merryman, Cockeysville, Md.

75989 **Cleo of Green Grove**
Sire *Dimple Bloom 12th* 30846. Dam *Queen of Wayland* 59801.
Born March 29, 1917. B. and O.: William J. Seely, Nescopeck, Pa.

75990 **Daisy of Big Tree**
Sire *Ormonde of Bide a Wee* 20372. Dam *Minnie Marshall Sweetland* 22635.
Born Oct. 10, 1916. B.: William W. Hurley, New Hope, Pa. O.: James M. Dunkel, Lansdale, Pa.

75991 **Lynbrook Edith of Owl's Nest**
Sire *John Q. of Millwood* 35848. Dam *Edith of Waumesit* 34265.
Born March 30, 1917. B. and O.: T. P. Lindsay, Southboro, Mass.

75992 **Beauty of Crescent Beach Farm**
Sire *Governor Dick of Lone Pine* 22367. Dam *Reputation's Zelma* 57464.
Born May 19, 1917. B. and O.: Arnold F. Heuer, Algoma, Wis.

75993 **Roselind of Roselawn**
Sire *Billy Buster of Locust Grove* 37473. Dam *Imp. Daisy Black Spot II.* 50302.
Born June 17, 1917. B. and O.: Matt Rohowetz & Son, Dodgeville, Wis.

75994 **Cromwell's Lassie**
Sire *Raymond of Round Hill* 23934. Dam *Lady Cromwell* 44091.
Born Feb. 22, 1917. B. and O.: W. R. Sage, Cromwell, Conn.

75995 **Buttercup's Winter Daisy**
Sire *Prince Marshall* 22468. Dam *Rival's Monadnock's Buttercup* 34155.
Born Dec. 7, 1915. B. and O.: H. G. Staples, Dryden, Maine.

75996 **Mayflower's Butter Girl**
Sire *Golden Noble's Butter Boy* 31525. Dam *Mayflower's Peggy* 50034.
Born Jan. 31, 1917. B.: C. A. Gearhart, Bucyrus, Ohio. O.: C. M. Ebert, Wadsworth, Ohio.

75997 **Marsh Rose of Brentwood**
Sire *Brentwood Marshall* 20253. Dam *Jeannette's Diamond* 59532.
Born July 23, 1917. B. and O.: George W. Jarman, Princess Anne, Md.

75998 **Lassie of Thatch Meadow**
Sire *Masher's Bonny Boy of Haddon* 15454. Dam *Dora H. 2d* 32109.
Born Oct. 24, 1916. B. and O.: G. W. Bacon, Saint James, N. Y.

75999 **Lucy of Thatch Meadow**
Sire *Masher's Bonny Boy of Haddon* 15454. Dam *Dora H.* 32108.
Born March 1, 1917. B. and O.: G. W. Bacon, Saint James, N. Y.

76000 **Imp. Pattie of Thatch Meadow**
Sire *Imp. Governor of the Vauquiedor* 39925. Dam *Imp. Winnie of Blanche Pierre III.* 69251.
Born March 14, 1917. Imp. in dam. B.: F. S. Peer, Island of Guernsey. O.: G. W. Bacon, Saint James, N. Y.

76001 **Yetta of Valley View**
Sire *Heather's Golden Governor* 23721. Dam *Aldoro's Maud* 23574.
Born Feb. 18, 1917. B. and O.: Jacob Burger, Bayard, Ohio.

76002 **Josephine Myjo**
Sire *Imp. Sir Harcourt of Chateau à l'etocq* 18420. Dam *Imp. Lisle's Primrose II.* 37734.
Born Feb. 18, 1917. B. and O.: I. B. Corns, Oklahoma City, Okla.

76003 **Siss of Bellmath**
Sire *Golden Boy of Edgewater* 25304. Dam *Sarah of Bellmath* 56679.
Born Jan. 23, 1917. B. and O.: H. C. Crocker & Son, Sennett, N. Y

76004 **Dainty Marigold 2d**
Sire *General Jack* 35073. Dam *Dainty Marigold* 60276.
Born May 8, 1917. B. and O.: O. B. Bechtel, Nankin, Ohio.

76005 **Masher's Phyllis K.**
Sire *Charmante's Masher* 35986. Dam *France's Phyllis K.* 58227.
Born Feb. 27, 1917. B. and O.: Franklin S. Kendall, Clarksville, Md.

76006 **Masher's Billaxy's Evelyn K.**
Sire *Charmante's Masher* 35986. Dam *Billaxy's Evelyn K.* 49621.
Born April 23, 1917. B. and O.: Franklin S. Kendall, Clarksville, Md.

76007 **Masher's France's Evelyn K.**
Sire *Charmante's Masher* 35986. Dam *France's Evelyn K.* 58228.
Born May 13, 1917. B. and O.: Franklin S. Kendall, Clarksville, Md.

76008 **Winna's Lady Glenwood Crescent**
Sire *Lady Allen's Marcus Glenwood* 32332. Dam *Winna Tarbell* 59212.
Born March 11, 1917. B. and O.: E. T. Jackson, Mount Pleasant, Iowa.

76009 **Lady Like of Portland**
Sire *Vidi's Bloom of Sunnybrook* 28376. Dam *Gladys of Portland* 38500.
Born June 4, 1917. B. and O.: Robert Hartshorne, Highlands, N. J.

76010 **Sweet Charity of Portland**
Sire *Vidi's Bloom of Sunnybrook* 28376. Dam *Daisy of Portland* 32319.
Born June 4, 1917. B. and O.: Robert Hartshorne, Highlands, N. J.

76011 **Dew Drop of Portland**
Sire *Vidi's Bloom of Sunnybrook* 28376. Dam *Iona of Portland* 39870.
Born June 10, 1917. B. and O.: Robert Hartshorne, Highlands, N. J.

76012 **Mamie of Hillsview**
Sire *Dan Carl* 28360. Dam *Beawache* 56811.
Born May 18, 1917. B. and O.: S. L. Tone, Canonsburg, Pa.

76013 **Noanette**
Sire *Blanche's Top Gallant* 23389. Dam *Nicolette* 17236.
Born June 6, 1917. B. and O.: S. L. Tone, Canonsburg, Pa.

76014 **Mildred of Friendly Acres**
Sire *Blanche's Top Gallant* 23389. Dam *Sophia Clovbanc* 53081.
Born Sept. 3, 1914. B.: J. M. Neill, Canonsburg, Pa. O.: R. B. Cochran, Atwater, Ohio.

76015 **Sun-Set of Two Harbors**
Sire *Tasker of Comodale* 27444. Dam *Sunbeam of Trianon* 28686.
Born April 6, 1917. B.: John Uno Sebenius, Duluth, Minn. O.: W. F. Marshall, Two Harbors, Minn.

76016 **Demonstrator's Highland Princess**
Sire *Highland Demonstrator* 30435. Dam *Georgie Gordon 2d* 21828.
Born June 10, 1916. B. and O.: Helen S. Bush, Shelburne, Mass.

76017 **Oak Ridge Sandbur's Emma**
Sire *Gemsey's Sandbur of Oak Ridge* 35217. Dam *Emma of Alfalfa Farms* 31057.
Born March 29, 1917. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

76018 **Oak Ridge Gemsey's Sarkie**
Sire *Gemsey's Sandbur of Oak Ridge* 35217. Dam *Imp. Sarkie II. of le Bourg* 34243.
Born April 12, 1917. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

76019 **Oak Ridge Alderney's Maggie**
Sire *Lady Alderney II.'s Sequel* 22123. Dam *Maggie of Oak Ridge* 45110.
Born April 30, 1917. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

76020 **Oak Ridge Stranford's Emily**
Sire *Lord Stranford of Oak Ridge* 25974. Dam *Emily of Alfalfa Farms* 33813.
Born June 24, 1917. B. and O.: Thomas F. Ryan, Oak Ridge, Va.

76021 **Glenwood's Princess Janet**
Sire *Glenwood's Main Stay of Kelvin Grove* 27331. Dam *Princess Janet of Bon Ayre* 60363.
Born March 1, 1917. B. and O.: John C. Schuler, Millersburg, Ohio.

76022 **Galaxy's Daisy**
Sire *Galaxy's Equal of Chestnut Hill* 23176. Dam *Beauty's Eleanor* 44084.
Born April 9, 1917. B.: D. Ramseyer, Smithville, Ohio. O.: Walter C. White, Gates Mills, Ohio.

76023 **Viola of Maple Lane**
Sire *Roberts' Wizard of Dellwood* 25931. Dam *Cora of Maple Lane* 55503.
Born Feb. 28, 1917. B. and O.: Joseph G. Kennel, Atglen, Pa.

76024 **Marianna of Hylsted**
Sire *Countryman* 18121. Dam *Camelia of Lebanon* 20379.
Born April 4, 1917. B. and O.: W. T. Porter, Dover, Mass.

76025 **Pollyanna of Hylsted**
Sire *Countryman* 18121. Dam *Gretel of Hylsted* 36072.
Born May 26, 1917. B. and O.: W. T. Porter, Dover, Mass.

76026 **Imelda of Hylsted**
Sire *Countryman* 18121. Dam *Enid of Hylsted* 28043.
Born June 10, 1917. B. and O.: W. T. Porter, Dover, Mass.

76027 **Zoa S.**
Sire *Ben La Conda* 36402. Dam *Lottie C. of Hop City* 32666.
Born Feb. 24, 1917. B. and O.: F. M. Englehart, Ballston Spa, N. Y.

76028 **Glenwood's Pet Jones**
Sire *Glenwood's Main Stay 39th* 25722. Dam *Elizabeth Jones* 42281.
Born Feb. 27, 1917. B. and O.: Mrs. Ella W. Cameron, North East, Md.

76029 **Glenwood's Peggy Jones**
Sire *Glenwood's Main Stay 39th* 25722. Dam *Emily Jones* 37206.
Born April 3, 1917. B. and O.: Mrs. Ella W. Cameron, North East, Md.

76030 **Elsiedale**
Sire *Brenda's Buff* 31252. Dam *Cassiedale* 41668.
Born Feb. 22, 1917. B. and O.: Mrs. E. L. Colby, Tilton, N. H.

76031 **Yeksa's Ferne of Lonsdale**
Sire *Joe Armstrong* 17644. Dam *Yeksa's Beauty of Burn Brae* 39407.
Born Feb. 25, 1917. B. and O.: E. T. Stewart, Clear Lake, Wis.

76032 **Berthie M.**
Sire *Harold of Rising Sun* 33331. Dam *Lady Red of Convoy* 30198.
Born Feb. 23, 1917. B. and O.: Charles A. Mollenkopf, Van Wert, Ohio.

76033 **Colleen of Killarney Farms**
Sire *Vinia's Prince of Pleasant View* 31417. Dam *Rosy of Ulao* 40128.
Born April 17, 1917. B. and O.: Rob R. McNagny, Columbia City, Ind.

76034 **Blossom's Daughter**
Sire *Dormir's Oak* 25345. Dam *Sweet Alice's Rival Blossom* 55999.
Born April 28, 1917. B. and O.: H. H. Babcock, Edgerton, Wis.

76035 **Caroline's Bonnie Girl**
Sire *Berkshire's Yeksa Lad* 35487. Dam *Bonnie Caroline* 46366.
Born July 21, 1917. B. and O.: D. L. Babcock, Edgerton, Wis.

76036 **Jewel King of Hollow-Hill Farm**
Sire *King Glen* 20796. Dam *Imp. Dene Jewel* 48523.
Born July 6, 1915. B. and O.: G. W. Wilder, Colton, Cal.

76037 **Mary King of Hollow-Hill Farm**
Sire *King Glen* 20796. Dam *Imp. Brittleware Mistletoe* 48510.
Born Sept. 5, 1915. B. and O.: G. W. Wilder, Colton, Cal.

76038 **Cherrie King of Hollow-Hill Farm**
Sire *King Glen* 20796. Dam *Imp. Cherry III. of the Effards* 48381.
Born Oct. 12, 1915. B. and O.: G. W. Wilder, Colton, Cal.

76039 **Grace King of Hollow-Hill Farm**
Sire *King Christie* 35039. Dam *Grace of Neshannock* 55842.
Born Dec. 29, 1916. B.: G. H. & H. T. Getty, New Wilmington, Pa. O.: G. W. Wilder, Colton, Cal.

76040 **Cora King of Hollow-Hill Farm**
Sire *King Glen* 20796. Dam *Cora's Beatrice* 24808.
Born April 7, 1917. B. and O.: G. W. Wilder, Colton, Cal.

76041 **Lady Langdon of Hollow-Hill Farm**
Sire *King of Hollow Hill* 25876. Dam *Glen's Lady* 55093.
Born May 5, 1917. B. and O.: G. W. Wilder, Colton, Cal.

76042 **Caroline Langdon of Hollow-Hill Farm**
Sire *Cora's King Masher of Redlands* 24787. Dam *Caroline of Chilmark* 24812.
Born July 4, 1917. B. and O.: G. W. Wilder, Colton, Cal.

76043 **Maxina of Lyndale**
Sire *Yeksa of Meadowview's Raymond* 24256. Dam *Helen of Oakdale* 36521.
Born March 22, 1917. B. and O.: J. L. Lindgren, Wadena, Minn.

76044 **Myrtle of Lyndale**
Sire *Yeksa of Meadowview's Raymond* 24256. Dam *Bessie of Lyndale* 58729.
Born Aug. 1, 1917. B. and O.: J. L. Lindgren, Wadena, Minn.

76045 **Vera of Lyndale**
Sire *Yeksa of Meadowview's Raymond* 24256. Dam *Lucie of Lyndale* 54730.
Born Aug. 1, 1917. B. and O.: J. L. Lindgren, Wadena, Minn.

76046 **Frenchman's Jewel of Fairview**
Sire *Portia's Frenchman of Mound City* 28570. Dam *Squire's Zela's Pride* 27443.
Born March 2, 1917. B. and O.: J. B. Johnson, Wautoma, Wis.

76047 **Frenchman's Pearl of Fairview**
Sire *Portia's Frenchman of Mound City* 28570. Dam *Foundation's Lily of Fairview* 57112.
Born March 10, 1917. B. and O.: J. B. Johnson, Wautoma, Wis.

76048 **Ila of Green Valley**
Sire *Maid's St. Elmo of Green Valley* 23217. Dam *Little Dot of Fairview* 32310.
Born Feb. 27, 1917. B. and O.: Varney & McLane, Essex Center, Vt.

76049 **Hildette**
Sire *Proud King of Anna Dean Farm* 27286. Dam *Hildesia* 25305.
Born April 21, 1917. B. and O.: August H. Vogel, Milwaukee, Wis.

76050 **Moorland's Donna Rose**
Sire *Langwater Sailor* 20610. Dam *Donna Amherst* 15737.
Born Jan. 5, 1915. B. and O.: E. A. Moore, New Britain, Conn.

76051 **Ultra Violet of Oakhurst**
Sire *Ne Plus Ultra 4th* 29328. Dam *Ashland's Violet of Lyndon Heights* 22045.
Born Feb. 18, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76052 **Rose of Oakhurst 3d**
Sire *Ne Plus Ultra 4th* 29328. Dam *Rose of Oakhurst* 42982.
Born March 9, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76053 **Jeanette of Oakhurst 3d**
Sire *Rosie's Golden King of Oakhurst* 31630. Dam *Jeanette of Oakhurst* 42981.
Born March 25, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76054 **King's Lady Vanity of Oakhurst**
Sire *Rosie's Golden King of Oakhurst* 31630. Dam *Vanity Fair of Oakhurst* 58425.
Born May 15, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76055 **Rosie's Polly of Oakhurst**
Sire *Rosie's Golden King of Oakhurst* 31630. Dam *Polly of Oakhurst* 49104.
Born June 6, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76056 **Golden Vanity of Oakhurst**
Sire *Rosie's Golden King of Oakhurst* 31630. Dam *Imp. Vanity Fair* 20560.
Born June 17, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76057 **King's Daisy of Oakhurst**
Sire *Rosie's Golden King of Oakhurst* 31630. Dam *Oakhurst's Daisy 2d* 57877.
Born July 7, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76058 **May King's Rosie of Oakhurst**
Sire *Barrington May King* 19312. Dam *Imp. Rosie V. of the Bourg de Bas* 36380.
Born Aug. 1, 1917. B. and O.: Frank A. Hotchkiss, Millerton, N. Y.

76059 **Raider's Kathleen of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Imp. Kathleen of Waddington* 35282.
Born May 22, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

76060 **Raider's Retta May of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Retta of Waddington* 38256.
Born May 23, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

76061 **Raider's Polly of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Imp. Lohier's Polly II.* 33688.
Born June 11, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

76062 **Raider's Gronette of Waddington**
Sire *Imp. Border Raider* 22243. Dam *Imp. Rosette of the Gron I.* 18538.
Born June 15, 1917. B. and O.: E. W. Oglebay, Wheeling, W. Va.

76063 **Lady Grée of Edgerton**
Sire *Triple Champion* 13067. Dam *Imp. Lady Grée's Daughter* 28321.
Born Nov. 28, 1916. B.: Edward R. Andrews, Putney, Vt. O.: Arthur J. Pierce, Bennington, N. H.

76064 **Riverside Lodisa**
Sire *Imp. Governor of la Forge* 28636. Dam *Minerva Sequel* 38836.
Born Feb. 8, 1917. B. and O.: George H. Weston, Skowhegan, Maine.

76065 **Riverside Aileene**
Sire *Imp. Governor of la Forge* 28636. Dam *Ma Charmante's Jeannette* 44471.
Born March 2, 1917. B. and O.: George H. Weston, Skowhegan, Maine.

76066 **Beda's May King's Islanda**
Sire *Beda's May King* 11893. Dam *Gold Girl's Chêne Blossom* 49581.
Born Aug. 2, 1917. B. and O.: G. G. Hartley, Duluth, Minn.

76067 **Lady Clare of Ewing**
Sire *Naomi's Choice* 22872. Dam *Marguerite's Pride Lady* 62010.
Born May 28, 1917. B.: W. H. Clark, Bridgeton, N. J. O.: Oaklands Farm Co., Trenton Junction, N. J.

76068 **Merry Melinda o' Meadow-Ridge**
Sire *Miss Topsy's Benjamin* 33569. Dam *Jean Anderson of Meadow-Ridge* 23402.
Born April 15, 1917. Twin. B. and O.: James C. Donnelly, Manitowoc, Wis.

76069 **Charmion of Martindale**
Sire *Ne Plus Ultra 4th* 29328. Dam *Lassie of Maple Glen* 49204.
Born July 17, 1917. B. and O.: W. Pitt Parker, Moravia, N. Y

76070 **Verda of Linwood**
Sire *Langwater Frederick* 22268. Dam *Ideal of Linwood* 47864.
Born March 20, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

76071 **Carrie of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Beauty of Linwood* 48049.
Born March 22, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

76072 **Flossie of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Amy of Linwood* 52608.
Born April 28, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

76073 **Cinderella of Linwood**
Sire *Langwater Frederick* 22268. Dam *Imp. Ardis of Linwood* 51558.
Born June 11, 1917. B. and O.: Homer F. Rundell, Livingston, Wis.

76074 **Imp. Gipsy's Emblem**
Sire *Emblem of the Préel* (3126 E. G. H. B.) On Guernsey (R. G. A. S. 3704 P. S.) Dam *Imp. Brittleware Gipsy* 67669.
Born March 24, 1917. Imp. in dam. B.: Godfrey Oakey, England. O.: J. L. Hope, Madison, N. J.

76075 **Florham Laurel**
Sire *Wardem Ultra King* 27922. Dam *Florham Daphne* 56565.
Born Feb. 27, 1917. B. and O.: J. L. Hope, Madison, N. J.

76076 **Alexandrina Victoria**
Sire *Wardem Ultra King* 27922. Dam *Imp. Alexandrina 16th* 54007.
Born Feb. 28, 1917. B. and O.: J. L. Hope, Madison, N. J.

76077 **Rose Maiden**
Sire *His Majesty of Onunda* 22718. Dam *Rose Maid* 46059.
Born March 9, 1917. B. and O.: J. L. Hope, Madison, N. J.

76078 **Graceful**
Sire *Blood Royal* 35855. Dam *Imp. Billy's France Gracieuse* 38906.
Born March 30, 1917. B. and O.: J. L. Hope, Madison, N. J.

76079 **Preen 3d**
Sire *Imp. Beda's May Day* 34995. Dam *Preen* 46137.
Born Jan. 8, 1917. B. and O.: J. L. Hope, Madison, N. J.

76080 **Florham Majesty**
Sire *His Majesty of Onunda* 22718. Dam *Imp. Lady Chancellor V.* 52534.
Born Jan. 11, 1917. B. and O.: J. L. Hope, Madison, N. J.

76081 **Windy Brow Golden Glow**
Sire *Imp. Beda's May Day* 34995. Dam *Imp. Goldstreak of the Grée II.* 36372.
Born Feb. 15, 1917. B.: J. L. Hope, Madison, N. J. O.: T. E. Inslee, Newton, N. J.

76082 **Ariel's Flodina**
Sire *Imp. Butter Girl's Brilliant* 36425. Dam *Flodina* 56253.
Born Sept. 30, 1916. B. and O.: Ariel Mitchelson, Tariffville, Conn.

76083 **Ariel's Beauty Bloom**
Sire *Imp. Butter Girl's Brilliant* 36425. Dam *Beauty Bloom of Ostrich Farm* 40908.
Born April 14, 1917. B. and O.: Ariel Mitchelson, Tariffville, Conn.

76084 **Ruettes Gaiety Girl**
Sire *Imp. Governor of the Ruettes* 39134. Dam *Imp. Donnington Gaiety Girl 3d* 65904.
Born April 20, 1917. B.: F. S. Peer, Cranford, N. J. O.: C. H. Tappan, Winthrop, Maine.

76085 **Tiny T.**
Sire *Imp. Vallon May Rose Lad* 39926. Dam *Imp. Varclin Croton* 65776.
Born May 20, 1917. B.: F. S. Peer, Cranford, N. J. O.: C. H. Tappan, Winthrop, Maine.

76086 **Clara's Hazel of Maplewood**
Sire *Navarino* 23328. Dam *Imp. Clara's Sequel's Fanny* 37177.
Born Jan. 1, 1917. B. and O.: Victor Steele, Albert Lea, Minn.

76087 **Wyebrook Lavender**
Sire *Bravo of Rich Neck* 35937. Dam *Heliotrope of Rich Neck* 42114.
Born July 21, 1917. B.: Est. H. H. Pearson, Jr., Claiborne, Md. O.: C. L. A. Whitney, Albany, N. Y.

76088 **Mate o' Bloom's Picobelle**
Re-entry of cow 64243 for correction of data.
Sire *Mate o' Bloom* 12653. Dam *Picobelle* 26406.
Born Feb. 23, 1916. B.: Guernsey Stock and Fruit Farms, Bloomsburg, Pa. O.: H. W. Baldwin, Pennington, N. J.

76089 **Oakland's Grace**
Sire *Oakland of Ewing* 30978. Dam *Grace of Mapleton* 24642.
Born March 3, 1917. B. and O.: H. W. Baldwin, Pennington, N. J.

76090 **Coronation's Bluewing**
Sire *Imp. Ravenscroft Coronation* 25173. Dam *Falmouth Bluewing* 27585.
Born April 12, 1917. B. and O.: H. W. Baldwin, Pennington, N. J.

76091 **June Breeze**
Sire *Duke of Dayton* 18039. Dam *Imp. Merton Hay Breeze 2d* 32480.
Born June 12, 1913. B. and O.: G. G. Earnshaw, Dayton, Ohio.

76092 **Peace Breeze**
Sire *Lord of Green Meadow* 23235. Dam *Imp. Merton Hay Breeze 2d* 32480.
Born April 17, 1916. B. and O.: G. G. Earnshaw, Dayton, Ohio.

76093 **Glen Gable Lina**
Sire *Langwater Cavalier* 21012. Dam *Teddy's Simplicity* 39302.
Born June 10, 1917. B. and O.: William F. Gable, Wyebrooke, Pa

76094 **Glen Gable Hazel 2d**
Sire *Langwater Cavalier* 21012. Dam *Glen Gable Hazel* 38945.
Born July 21, 1917. B. and O.: William F. Gable, Wyebrooke, Pa.

76095 **Glen Gable Amelia**
Sire *Langwater Cavalier* 21012. Dam *Amelia of New Castle* 37866.
Born July 24, 1917. B. and O.: William F. Gable, Wyebrooke, Pa.

76096 **Vivian of Lilydale Farm**
Sire *Ona's May King of West Salem* 27874. Dam *Dolores of Lilydale Farm* 51379.
Born March 12, 1917. B. and O.: Fred J. Bandy, Wausau, Wis.

76097 **Naomi of Lilydale Farm**
Sire *Ona's May King of West Salem* 27874. Dam *Tricksey Queen* 32604.
Born March 12, 1917. B. and O.: Fred J. Bandy, Wausau, Wis.

76098 **Myrtle's Cathleen**
Sire *Ona's May King of West Salem* 27874. Dam *Myrtle of Lilydale Farm* 53874.
Born May 6, 1917. B. and O.: Earl Bandy, Wausau, Wis.

76099 **Lilydale Bell**
Sire *Ona's May King of West Salem* 27874. Dam *Gladys of Lilydale Farm* 51045.
Born May 24, 1917. B. and O.: Fred J. Bandy, Wausau, Wis.

76100 **Adelaide's Fern**
Sire *Ona's May King of West Salem* 27874. Dam *Echo's Adelaide* 59015.
Born July 8, 1917. B. and O.: Elmer Bandy, Wausau, Wis.

76101 **Village Comfort**
Sire *Beth's Glenwood of Pinehurst* 17424. Dam *Masher's Bridget* 23372.
Born Oct. 18, 1914. B. and O.: M. H. Tichenor, Grass Lake, Mich.

76102 **Raymond's Bova**
Sire *Foulon Raymond of Meadowsweet* 17256. Dam *Bova 2d* 32286.
Born Dec. 6, 1916. B. and O.: E. W. Brundage, Hop Bottom, Pa.

76103 **Regent's Honoria of Bosworth Field**
Sire *Grasslands Prince Regent* 37430. Dam *Imp. Honoria Sequel* 50452.
Born June 19, 1917. B. and O.: Charles W. Bosworth, Springfield, Mass.

76104 **Grace of Prospect**
Sire *Sir Snowdoun* 19252. Dam *Cordele of Prospect* 42296.
Born Aug. 1, 1917. B. and O.: W. D. Hoard, Fort Atkinson, Wis.

76105 **Laura of Maple Lawn**
Sire *Motherwell's Archer* 22842. Dam *Lorette of Maple Lawn* 52081.
Born Dec. 7, 1916. B. and O.: Fred W. Brandt, Fennimore, Wis.

76106 **Gipsy's Lily of the Valley**
Sire *Kedge Anchor of the Glen* 13043. Dam *Imp. Gipsy of the Isle* 28347.
Born Aug. 4, 1910. B.: W. W. Marsh, Waterloo, Iowa. O.: C. J. Huebsch, Saint Sebald, Iowa.

76107 **Little Mary's Annie**
Sire *Miss Chief's Iowa Dairy Boy* 15519. Dam *Imp. Little Mary* 28369.
Born Feb. 2, 1915. B. and O.: C. J. Huebsch, Saint Sebald, Iowa.

76108 **Hazel of Antrim Place**
Sire *King of Nottingham* 26109. Dam *Oak Ridge Starrie* 34381.
Born Feb. 12, 1917. B. and O.: Calvin McMurray & Son, Canonsburg, Pa.

76109 **Mita of Tarbell Farms 3d**
Sire *Golden Secret of Pencoyd* 23462. Dam *Mita of Tarbell Farms* 45887.
Born Feb. 3, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

76110 **Clovita of Tarbell Farms 2d**
Sire *Golden Secret of Pencoyd* 23462. Dam *Clovita of Tarbell Farms* 46205.
Born Feb. 3, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

76111 **Gold Coin of Tarbell Farms 2d**
Sire *George Washington of Maple Farm* 20363. Dam *Gold Coin of Tarbell Farms* 45883.
Born Feb. 8, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

76112 **Clover Leaf of Tarbell Farms 3d**
Sire *Golden Secret of Pencoyd* 23462. Dam *Clover Leaf of Tarbell Farms* 47558.
Born Feb. 13, 1917. B. and O.: Gage E. Tarbell, Smithville Flats, N. Y.

76113 **June's Ellenwood Lass**
Sire *Penthesilia's Champion* 18102. Dam *June Bride* 59350.
Born June 15, 1917. B.: Helendale Farms, Milwaukee, Wis. O.: Charles S. Kirk, Stone Lake, Wis.

76114 **Golden May Rose's Gold Drop**
Sire *Dolly's Suburban Boy* 24535. Dam *Golden May Rose* 49375.
Born May 1, 1917. B. and O.: Joseph Waugh, Watkins, N. Y.

76115 **Pet's Little Gem**
Sire *Dolly's Suburban Boy* 24535. Dam *Smead's Pet* 31578.
Born May 20, 1917. B. and O.: Joseph Waugh, Watkins, N. Y.

76116 **Royal Rose's Grace**
Sire *Imp. Overland's Gay Boy* 26121. Dam *Overland's Royal Rose* 47208.
Born March 19, 1917. B. and O.: David McComas, Kansas City, Mo.

76117 **Nell of Mossy Hill**
Sire *Marion of La Grange* 13805. Dam *Mossy Hill Lady* 60369.
Born April 1, 1917. B. and O.: W. M. Davis, Perry, Ga.

76118 **Park's Judith Beauty**
Sire *Governor of Bailey Falls* 36994. Dam *Park's Queen Judith* 57655.
Born Jan. 8, 1917. B. and O.: John H. Williams, Waukesha, Wis.

76119 **Airmont Queen**
Sire *Imp. Lizette's Raymond of the Préel* 16934. Dam *Pearl Catoe* 43703.
Born Dec. 21, 1916. B.: Evan B. Adams, Lisbon, Ohio. O.: J. H. Silvis, Greensburg, Pa.

76120 **Jane Beall**
Sire *Trumbull Trotter* 30840. Dam *Dolly of Whitguern* 53886.
Born May 6, 1917. B. and O.: John C. Scott, West Chester, Pa.

76121 **Lady Zebbaline of Rocky Reach**
Sire *Florham Knight* 32353. Dam *Zebbaline of the Crest* 38260.
Born April 6, 1917. B. and O.: Alfred L. Lincoln, Norwell, Mass.

76122 **Baldeen 2d**
Sire *Autocrat of Midlothian* 33041. Dam *Baldeen* 39426.
Born June 5, 1917. B.: L. C. McClintock, Mindoro, Wis. O.: H. W. Griswold, West Salem, Wis.

76123 **Galaxy's Beauty of Hazel Hill**
Sire *Galaxy's Equal of Chestnut Hill* 23176. Dam *Ethel of Shaker Hill Farm* 54795.
Born April 26, 1917. B.: A. C. Ramseyer, Smithville, Ohio. O.: W. A. Barnes, Brink Haven, Ohio.

76124 **Glen Maid 5th**
Sire *Imp. Woodland Gleaner* 27346. Dam *Glen Maid* 31594.
Born Feb. 21, 1917. B. and O.: J. M. Diven, Watkins, N. Y.

76125 **Diven's Mollie**
Sire *Imp. Woodland Gleaner* 27346. Dam *Diven's Elite* 68015.
Born Feb. 28, 1917. B. and O.: J. M. Diven, Watkins, N. Y.

76126 **Criterion's Lady Love**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Grand Lady of Bellview* 43107.
Born April 1, 1917. B. and O.: Mathias Comodus, Valley Falls, N. Y.

76127 **Nelly of Sunnyside**
Sire *Imp. Galaxy's Sequel's Royal Gem* 16925. Dam *Nelly of Long Meadow* 52914.
Born Jan. 14, 1917. B. and O.: Clifford H. Bassett, Valley Falls, N. Y.

76128 **Criterion's Clara Bella**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Clara's Sequel's Bella of Bellview* 47911.
Born Feb. 24, 1917. B. and O.: Irvin Buckley, Schaghticoke, N. Y.

76129 **Criterion's Dame d'Or of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Dame d'Or* 47698.
Born Feb. 26, 1917. B. and O.: Irvin Buckley, Schaghticoke, N. Y.

76130 **Criterion's Lil of Bellview**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Lily des Sages IV*. 48904.
Born March 7, 1917. B. and O.: Irvin Buckley, Schaghticoke, N. Y.

76131 **Criterion Queen**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Channel Queen of Bellview* 47922.
Born March 27, 1916. B.: Albert G. Buckley, Valley Falls, N. Y. O.: F. B. Conklin, Thief River Falls, Minn.

76132 **Criterion's Sweetheart of Rockstone**
Sire *Imp. Roberts' Criterion of Bellview* 26887. Dam *Imp. Miss Kelly* 36338.
Born July 10, 1917. B. and O.: Albert G. Buckley, Valley Falls, N. Y.

76133 **Galaxy's Spotted Beauty**
Sire *Galaxy's Butter Boy* 23175. Dam *Polly Weigle of Red Barn Farm* 55802.
Born Feb. 3, 1917. B.: J. S. Yoder, Wooster, Ohio. O.: Ezra Horst, North Lawrence, Ohio.

76134 **Sequel's Golden Daisy**
Sire *Sequel's Golden Count* 34379. Dam *Daisy of Kinsman* 50844.
Born Feb. 15, 1917. B.: W. J. Royer, Orrville, Ohio. O.: Ezra Horst, North Lawrence, Ohio.

76135 **Gemsey's Fleurie of Burkeville**
Sire *Aimable of the Isle 2d* 32918. Dam *Glenwood's Fleurie of Oak Ridge* 47647.
Born March 14, 1917. B. and O.: Boswell & Ingham, Burkeville, Va.

76136 **Joseph's Pride of Burkeville**
Sire *Aimable of the Isle 2d* 32918. Dam *Joseph's Pride of Alfalfa Farms* 31049.
Born March 26, 1917. B. and O.: Boswell & Ingham, Burkeville, Va.

76137 **Melvina of Curles Neck**
Sire *P. F. Murphy of Eastover* 35605. Dam *Selma of Eastover* 54784.
Born June 29, 1917. B. and O.: C. K. G. Billings, Richmond, Va.

76138 **Maggie Ann**
Sire *Gay Lad of Follyland* 25920. Dam *Betsey Ann* 46165.
Born April 3, 1917. B. and O.: Oscar A. Borden, Schaghticoke, N. Y.

76139 **Kate's Northern Maid**
Sire *Picotte of Bon Ayre* 28371. Dam *Lily Ella's Kate of Bonnie Brae* 60068.
Born April 13, 1917. B. and O.: A. Remington, Eau Claire, Wis.

76140 **Fernwood's Queen of Bonnie Brae**
Sire *Picotte of Bon Ayre* 28371. Dam *Luna Laurel's Fernwood Lily* 37226.
Born June 20, 1917. B. and O.: Lake Remington, Eau Claire, Wis.

76141 **Chêne's Emerita's Daughter**
Sire *Charlotte's May King* 25522. Dam *Chêne's Emerita* 50696.
Born May 3, 1917. B. and O.: John C. Higgins, Delaware City, Del.

76142 **Victor's Petite of Thorn Hill**
Sire *Victor of Pencoyd* 18901. Dam *Petite of Thorn Hill* 50749.
Born March 12, 1917. B. and O.: August Ziesing, Deerfield, Ill.

76143 **Nellie's Hougue Maid**
Sire *Imp. Nellie's Jewel of the Isle* 15325. Dam *Imp. Hougue Maid VI*. 45974.
Born April 6, 1917. B. and O.: E. C. Peck, Macedonia, Ohio.

76144 **May King's Vrangue's Doris**
Sire *May King's Vrangue of Ingleside* 15430. Dam *Mambrino's Doris* 33959.
Born April 26, 1917. B.: Fruit Bros., Waukesha, Wis. O.: E. C. Peck, Macedonia, Ohio.

76145 **Jewel's Lily**
Sire *Imp. Nellie's Jewel of the Isle* 15325. Dam *Imp. Lily of the Eturs III*. 45970.
Born April 29, 1917. B. and O.: E. C. Peck, Macedonia, Ohio.

76146 **Little Myra**
Sire *Imp. Nellie's Jewel of the Isle* 15325. Dam *Miriam of Keewaydin* 36861.
Born June 11, 1917. B. and O.: E. C. Peck, Macedonia, Ohio.

76147 **Thelma of Avalon 2d**
Sire *Porthos* 36158. Dam *Thelma of Avalon* 60730.
Born Aug. 10, 1917. B. and O.: E. C. Peck, Macedonia, Ohio.

76148 **Josephine's Pride of Dean Valley Farm**
Sire *Flora's Pride* 31972. Dam *Buttercup's Josephine* 49588.
Born March 6, 1917. B. and O.: Howard F. Dean, Columbus, Ohio.

76149 **Pride's Flora of Dean Valley**
Sire *Flora's Pride* 31972. Dam *Dorothy Dean* 40815.
Born April 26, 1917. B. and O.: Howard F. Dean, Columbus, Ohio.

76150 **Lady Elizabeth of Shippensburg**
Sire *Primal Comely* 28743. Dam *Imp. Ladock Lady Elizabeth* 53973.
Born July 12, 1917. B.: W. S. Dunlap, Shippensburg, Pa. O.: W. J. Hemphill, Shippensburg, Pa.

76151 **Rosemary of Owascoag**
Sire *Ruth Marshall's Son* 33053. Dam *Daisy of Owascoag* 44650.
Born March 28, 1917. B. and O.: E. C. Milliken, West Scarborough, Maine.

76152 **Glenwood Daisy's Buttercup of Grand Home**
Sire *College Pride* 24618. Dam *Marcus Glenwood's Daisy* 46712.
Born Feb. 2, 1917. B. and O.: Hans J. Schmidt, Cedar Falls, Iowa.

76153 **Huckleberry of Marshland**
Sire *Columbia Grey* 40040. Dam *Selma of Marshland* 60897.
Born April 15, 1917. B. and O.: J. T. Graham, Marshland, Oregon.

76154 **Bessie W. Marshall**
Sire *Fisher Marshall* 23568. Dam *Flora Marshall 2d* 56062.
Born Jan. 30, 1917. B. and O.: D. L. Newman, East Wilton, Maine.

76155 **Samarito's Noble Kate**
Sire *Samarito* 20443. Dam *Bonibel of Cove Forge* 50513.
Born Feb. 9, 1917. B. and O.: S. Hayes Jarrett, Northumberland, Pa.

76156 **Mable of the Otselic**
Sire *Governor of the Otselic* 35927. Dam *Gypsy of the Otselic* 58010.
Born April 10, 1917. B. and O.: Clayton Dutton, South Otselic, N. Y.

76157 **Clover of the Otselic**
Sire *Governor of the Otselic* 35927. Dam *Buttercup of the Otselic* 58009.
Born April 20, 1917. B. and O.: Clayton Dutton, South Otselic, N. Y.

76158 **Rose of Orndale**
Sire *Craigamoor Raritan* 24912. Dam *Glenwood's Tessie of Orndale* 34460.
Born March 4, 1917. B. and O.: C. J. Orn, Barron, Wis.

76159 **Jennie Robena of Dunfernline**
Sire *Woodlands King Noble* 36541. Dam *Florelma of Maple Glen* 54332.
Born Sept. 2, 1917. B.: Ward E. Brigham, West Winfield, N. Y. O.: Robert Cooper, Welland, Ontario, Canada.

76160 **Wallum Daisy**
Sire *Septimus of Silverwood* 29277. Dam *Belle of Lee Farm* 24908.
Born March 26, 1917. B. and O.: James H. Singleton, Wallum Lake, R. I.

76161 **Bessie's Princess 2d**
Sire *Ungeheuer* 26173. Dam *Bessie's Princess* 32260.
Born Aug. 20, 1916. B.: George A. Clark, Caneadea, N. Y. O.: H. H. Fuller, Scio, N. Y.

76162 **Fern's Fanny Rilma**
Sire *Major Rilma 2d* 37079. Dam *Fern Yeksa* 47389.
Born March 21, 1917. B. and O.: A. J. Malin, Genoa, Wis.

76163 **Schleswig Topsy**
Sire *Schleswig Banner* 27542. Dam *Bessie of Cleveland* 45246.
Born Feb. 12, 1917. B. and O.: Armie Voigt, Kiel, Wis.

76164 **Ruth J. of Mapleshade Farm**
Sire *Dimple Bloom of Wellversville* 22280. Dam *Esther of Oakwood* 29283.
Born Feb. 27, 1917. B. and O.: F. F. Hayman, New Columbus, Pa.

76165 **Joy of Kiluna Farm**
Sire *Langwater Jeweler* 35407. Dam *Imp. Countess of St. Peter's* 50277.
Born Aug. 12, 1917. B. and O.: Ralph Pulitzer, Manhasset, N. Y.

76166 **Rosebud of Elgin**
Sire *Captain Toan* 23598. Dam *Elgin Beauty* 51459.
Born Feb. 26, 1917. B. and O.: M. J. Barber, Silver Springs, N. Y.

76167 **Amy Joy**
Sire *Dawn's Yeksa of Echo Farm* 27938. Dam *Moline's Butter Girl* 30223.
Born April 5, 1917. B. and O.: William Sydow, Waukesha, Wis.

76168 **Lilly of Harmony**
Sire *Follyland Gil Blas* 37273. Dam *Maggie of Harmony* 55233.
Born May 2, 1917. B. and O.: J. I. Parent, Ballston Spa, N. Y.

76169 **Little Queen of Brouse Hill**
Sire *Clover Leaf of Brouse Hill* 38730. Dam *Pretty Queen of Maple Ridge* 36262.
Born March 28, 1917. B. and O.: Lloyd Brouse, Wadsworth, Ohio.

76170 **Josie of Plumb Farms**
Sire *Hoichi's Horatio* 26867. Dam *Minnie of Arenac* 55945.
Born Feb. 27, 1917. B. and O.: Frank Plumb, Saginaw, Mich.

76171 **Lady Sylvia of Lakeview**
Sire *Prince Ellis of Lakeview* 19266. Dam *Lady Bernadine of Lakeview* 35955.
Born Feb. 25, 1917. B. and O.: Mrs. Irene Ellis Kimberly, Aitkin, Minn.

76172 **Lucile of Morrison Farm 2d**
Sire *Mixter Nobska* 28797. Dam *Lucile of Morrison Farm* 51545.
Born Dec. 16, 1916. B. and O.: J. G. Morrison, Barre, Vt.

76173 **Viola Sabilla**
Sire *Tiny Rosebud's Sequel of Lysander* 45978. Dam *Van Doren's Keturah* 57474.
Born Feb. 28, 1917. B. and O.: Van Doren Bros., Lysander, N. Y.

76174 **Finesse of Troy**
Sire *King Cotton* 44374. Dam *Richesse of Troy* 74455.
Born May 28, 1917. B. and O.: F. E. Patterson, Greenville, Del.

76175 **Orange Blossom of Troy**
Sire *King Cotton* 44374. Dam *Olive Branch of Troy* 69541.
Born July 19, 1917. B. and O.: F. E. Patterson, Greenville, Del.

76176 **Dumont's May Queen**
Sire *Langwater King of the May's Son* 20461. Dam *Mota's Bellevue Lily* 52114.
Born July 25, 1917. B. and O.: F. E. Patterson, Greenville, Del.

76177 **Loleta Taylor**
Sire *King Cotton* 44374. Dam *Lachitta Taylor* 69540.
Born July 30, 1917. B. and O.: F. E. Patterson, Greenville, Del.

76178 **Dorothy of Knollcrest**
Sire *Imp. Roehampton Comte de Paris 4th* 29896. Dam *Royal's Primrose of Knollcrest* 47593.
Born Feb. 27, 1917. B. and O.: R. H. & J. Sanders, Elkhorn, Wis.

76179 **Molly Munroe of Tonydale**
Sire *Imp. Conqueror of Edgewater* 21245. Dam *Della May of Tonydale* 43293.
Born Jan. 30, 1917. B. and O.: Charles H. Toan, Perry, N. Y.

76180 **Sylvia Munroe of Tonydale**
Sire *Imp. Conqueror of Edgewater* 21245. Dam *Miss Munroe of Tonydale* 36591.
Born Feb. 27, 1917. B. and O.: Charles H. Toan, Perry, N. Y.

76181 **Polly Anna of Tonydale**
Sire *Prince Arthur of Tonydale* 35861. Dam *Della Munroe of Tonydale* 60984.
Born March 24, 1917. B. and O.: Charles H. Toan, Perry, N. Y.

76182 **Nancy Munroe of Tonydale**
Sire *Imp. Conqueror of Edgewater* 21245. Dam *Jeanette of Tonydale* 53012.
Born March 26, 1916. B. and O.: Charles H. Toan, Perry, N. Y.

76183 **Lillah Munroe of Tonydale**
Sire *Reservation Chesterfield* 36609. Dam *Princess Louise of Tonydale* 43294.
Born May 14, 1917. B. and O.: Charles H. Toan, Perry, N. Y.

76184 **Antonette Munroe of Tonydale**
Sire *Reservation Chesterfield* 36609. Dam *Cora Munroe of Tonydale* 50711.
Born May 18, 1917. B. and O.: Charles H. Toan, Perry, N. Y.

76185 **Dame's Trixie**
Sire *Linden Masher of Harbor Hill* 30771. Dam *The Second Dame* 54564.
Born Oct. 12, 1914. B. and O.: Clarence H. Mackay, Roslyn, N. Y.

76186 **Lucy Loraine of Oldfield**
Sire *Pet's Glenwood* 16520. Dam *Hilda's Hilma* 38993.
Born Sept. 10, 1914. B. and O.: C. M. Parker, Clarks Summit, Pa.

76187 **Jennie King Deyraff**
Sire *Ledyard May King* 34777. Dam *Lady Bay Deyraff* 54877.
Born May 4, 1917. B. and O.: Martin Hoffman, Valley Falls, N. Y.

76188 **Helen's Laura of Oldfield**
Sire *Pet's Glenwood* 16520. Dam *Lady Helen's Hilda of Sunnyside* 26514.
Born Oct. 1, 1914. B. and O.: C. M. Parker, Clarks Summit, Pa.

76189 **Deanie's Secret**
Sire *Uno Lord of Golden Guernsey Farms* 27324. Dam *Alma of Arcadia* 25726.
Born June 5, 1917. B. and O.: Marston Harding, Lexington, Mass.

76190 **Michigan Queen of The Maples**
Sire *Fanny's Walter Sequel* 25070. Dam *Imp. Nell of the Préel* 53964.
Born April 15, 1917. B. and O.: Earl G. Scott, Clayton, Mich.

76191 **Brookmead's White Face's Star**
Sire *Brookmead's White Face* 32211. Dam *Gabriel of Arcadia's Jewel* 50397.
Born April 23, 1917. B. and O.: Herbert E. Coffin, Berwick, Maine.

76192 **Martha Prilma**
Sire *Ledyard Bay of Newport* 22323. Dam *Polly Primal* 38456.
Born Sept. 8, 1914. B. and O.: J. W. Stephens, Newport, Pa.

76193 **Bartlett's Mary Ann**
Sire *Cavalier of Pine Hill* 26223. Dam *Imp. Mary Ann of Sarnia* 44437.
Born June 19, 1917. B. and O.: Augustus P. Loring, Beverly, Mass.

76194 **Daisy Dean of Peshtigo Valley**
Sire *King Justice of Chilmark* 25600. Dam *Heliotrope of Annandale* 40940.
Born May 10, 1917. B.: A. Rasmussen & Son, North Crandon, Wis. O.: C. J. Rasmussen, North Crandon, Wis.

76195 **Repeater's Mischief**
Sire *Galaxy's Repeater* 32654. Dam *Maud of M. B.* 39064.
Born April 9, 1917. B. and O.: John Halvorson, Rice Lake, Wis.

76196 **Blitzen's Rose**
Sire *Blitzen Koph* 38285. Dam *Modern Priscilla* 56582.
Born July 6, 1917. B. and O.: John Halvorson, Rice Lake, Wis.

76197 **Dolly Mar**
Sire *Rex Mar* 19668. Dam *Imp. McKerrow's Dolly Masher* 53175.
Born Aug. 7, 1917. B. and O.: University of Minnesota, St. Paul, Minn.

76198 **Rae Mar**
Sire *Rex Mar* 19668. Dam *Beauty Raymond of Comodale* 57505.
Born Aug. 21, 1917. B. and O.: University of Minnesota, St. Paul, Minn.

76199 **Raider's Rouge of Myrna Maree Farm**
Sire *Lohier's Beta Raider of Waddington* 35442. Dam *Rouge of Belle Vernon* 47676.
Born April 26, 1917. B. and O.: C. G. Wilderson, Leetonia, Ohio.

76200 **Villiaze's Sunday of Avondale**
Sire *Hayes Penwyn of Riverdale* 31863. Dam *Imp. Villiaze Bijou II.* 25546.
Born April 29, 1917. B. and O.: R. J. Palmer, Wayne, Mich.

76201 **Rosemont's Rosette**
Sire *Rosemont of Chesterbrook* 26829. Dam *Charmante's Rosette of Ellenwood* 50391.
Born April 29, 1917. B. and O.: William J. Haines, Philadelphia, Pa.

76202 **Imp. Godetta's Pride**
Sire On Guernsey *Violet's Pride of the Padins* (R. G. A. S. 3653 P. S.) Dam *Imp. Godetta of Padins de Bas* 68676.
Born May 6, 1917. Imp. in dam. B.: L. Hurel, Island of Guernsey. O.: William J. Haines, Philadelphia, Pa.

76203 **Rachel Olive of Oak Dale Farm**
Sire *White of Rising Sun* 26569. Dam *Rose Belle* 40703.
Born Jan. 15, 1917. B. and O.: D. W. Clouse, Ohio City, Ohio.

76204 **Bessie Bell of Oak Dale Farm**
Sire *White of Rising Sun* 26569. Dam *Allie Dot's Glenwood* 51516.
Born Jan. 20, 1917. B. and O.: D. W. Clouse, Ohio City, Ohio.

76205 **Ingleside Queen May Rose**
Sire *Pretoria's King of Midlothian* 22641. Dam *Benton's Queen May* 35915.
Born March 21, 1917. B. and O.: Truman W. Brophy, Edison Park, Chicago, Ill.

76206 **Marion of Bellevue**
Sire *Raymond of Denmark* 22561. Dam *Berthrada* 33362.
Born May 28, 1916. B. and O.: The Hagemeister Realty Co., Green Bay, Wis.

76207 **Mary C. of Warren**
Sire *Roslyn's Prince of Bonnymeads Farms* 24279. Dam *Jessie W. of Elkview* 45568.
Born March 8, 1917. B. and O.: State Hospital for the Insane, Warren, Pa.

76208 **Nettie's Nelly**
Sire *Joe of Clover Lawn* 18476. Dam *Pride's Nettie* 45492.
Born Nov. 7, 1914. B. and O.: George H. Miller, Ottertail, Minn.

76209 **Galaxy's Maid of Farmdale**
Sire *Allen J.* 22932. Dam *Farmdale Maid* 54349.
Born April 16, 1917. B. and O.: H. J. Hall, Farmdale, Ohio.

76210 **Abby of Rose Hill**
Sire *Enoch of Edgewood Farm* 24247. Dam *Halt's Rose* 53108.
Born March 8, 1917. B. and O.: George E. Halt, Plymouth, Ind.

76211 **Pride's Beautie Girl**
Sire *Plummer Farm King of the Glenwoods* 36435. Dam *Plummer Farm Pride* 42898.
Born March 31, 1917. B.: Charles B. Plummer, Johnstown, Pa. O.: John C. Ogden, Johnstown, Pa.

76212 **Golden Sitka of Warriston**
Sire *Haldane* 26912. Dam *Bonfire's Golden Flower* 42201.
Born April 28, 1917. B. and O.: C. Jared Ingersoll, Fort Washington, Pa.

76213 **Maid of Carolina**
Sire *Wallace of La Grange* 26725. Dam *Fay's Beauty* 41953.
Born April 8, 1917. B. and O.: Greensboro-Roanoke Cattle Co., Draper, N. C.

76214 **Jessie Fletcher**
Sire *Joe of Fletcher* 38165. Dam *Raymond-Jessie's Flora* 62491.
Born May 26, 1917. B. and O.: Neil A. McMillan, Mullins, S. C.

76215 **Bell Buoy's Bonny Lassie of City View**
Sire *Bell Buoy of Linda Vista* 19430. Dam *Lassie of City View* 60269.
Born March 25, 1917. B. and O.: O. R. Schwalen, Roberts, Wis.

76216 **Oneonta Queen**
Sire *Norman of Oneonta* 29307. Dam *Anna B. C. 2d* 55380.
Born April 15, 1917. B. and O.: G. A. Rathbun, Oneonta, N. Y.

76217 **Glenwoodson's Lassie**
Sire *Glenwoodson* 27063. Dam *Dawn of Lake View* 55091.
Born March 14, 1917. B. and O.: A. J. Plowman, Elderon, Wis.

76218 **Glenwoodson's May Flower**
Sire *Glenwoodson* 27063. Dam *Elderon's Selma* 61084.
Born May 27, 1917. B. and O.: A. J. Plowman, Elderon, Wis.

76219 **Glenwoodson's Lilly**
Sire *Glenwoodson* 27063. Dam *Princess Jane of Elderon* 55088.
Born May 27, 1917. B. and O.: A. J. Plowman, Elderon, Wis.

76220 **Glenwoodson's Lady**
Sire *Glenwoodson* 27063. Dam *Marcelle of Lake View* 52233.
Born June 1, 1917. B. and O.: A. J. Plowman, Elderon, Wis.

76221 **Catherine of Elmhurst**
Sire *Percy of Elmhurst* 41942. Dam *Patience of Elmhurst* 61645.
Born April 2, 1917. B. and O.: O. B. Wilbur, Greenwich, N. Y.

76222 **Aminta of Bayside**
Sire *Pinecrest May Prince* 21427. Dam *Aminta's Daughter of Bayside* 27996.
Born June 26, 1917. B. and O.: Henry C. Everett, Barnstable, Mass.

76223 **Glenwood's May Rose of Bayside 2d**
Sire *Pinecrest May Prince* 21427. Dam *Glenwood's May Rose of Bayside* 53491.
Born July 27, 1917. B. and O.: Henry C. Everett, Barnstable, Mass.

76224 **Princess of Bayside**
Sire *Pinecrest May Prince* 21427. Dam *Princess Nora of Bayside* 53858.
Born July 28, 1917. B. and O.: Henry C. Everett, Barnstable, Mass.

76225 **May King's Idalia**
Sire *Honoria's May King of Chilmark* 32066. Dam *Lizette Idalia* 64522
Born March 2, 1917. B. and O.: Van J. Morris, Lisbon, Ohio.

76226 **Nerissa of Hill Farm**
Sire *Sir Daniel* 27114. Dam *Nerissa of Groton* 19924.
Born April 8, 1917. B. and O.: Mrs. Roger Wolcott, Sr., Readville, Mass.

76227 **Ultra Maid of Arbor Vitae Lodge**
Sire *Florham Laddie* 20431. Dam *Merry Maid of East View* 54327.
Born May 25, 1917. B. and O.: E. F. Tallmadge, Groton, N. Y.

76228 **Itchen Governess of Onisquethaw**
Sire *Governor Itchen of Chilmark* 29255. Dam *Queen of Onisquethaw* 59539.
Born April 12, 1917. B. and O.: Jacob A. Van Atten, Feura Bush, N. Y.

76229 **Itchen of Woodcrest**
Sire *Governor Itchen of Chilmark* 29255. Dam *Hilstan* 29026.
Born April 16, 1917. B. and O.: Amasa Slingerland, Delmar, N. Y.

76230 **Lady My Lida of Cherrydale**
Sire *Myron of Cherrydale* 27015. Dam *Lida My Lady of Cherrydale* 71827.
Born March 11, 1917. B. and O.: David B. Lady, McKnightstown, Pa.

76231 **Myron's Lilly of Cherrydale**
Sire *Myron of Cherrydale* 27015. Dam *Tostevin's Lilly of Cherrydale* 71828.
Born March 23, 1917. B. and O.: David B. Lady, McKnightstown, Pa.

76232 **Golden Beauty of Mondamin**
Sire *Langwater Golden Secret 2d* 34481. Dam *Golden Lad's Beauty* 41459.
Born March 15, 1917. B. and O.: Herbert T. Borden, Mickleton, N. J.

76233 **Woodlawn's Royal Rose**
Sire *Langwater Royal 5th* 19332. Dam *Trink's Caroline* 28861.
Born May 3, 1917. B. and O.: Shook Bros., Spring Mills, Pa.

76234 **Celosia's Glenwood's Squaw**
Sire *Celosia's Glenwood of Sugar River* 30028. Dam *Squaw of Pomeroy* 23179.
Born March 25, 1917. B. and O.: Allic S. Knudson, Brodhead, Wis.

76235 **Bargy Rilma**
Sire *Frank Rilma* 21901. Dam *Bargy Glenwood* 57954.
Born March 25, 1917. B. and O.: Allic S. Knudson, Brodhead, Wis.

76236 **Glenwood Bonny Minnie 2d**
Sire *Frank Rilma* 21901. Dam *Glenwood Bonny Minnie* 41765.
Born April 9, 1917. B. and O.: Allic S. Knudson, Brodhead, Wis.

76237 **Lady Vera's Carda**
Sire *King Lear of Clara Cooper Farms* 38176. Dam *Imp. Lady Vera of St. Saviour's* 44183.
Born June 23, 1917. B.: James H. Cooper, Courtenay, N. Dak. O.: F. H. Gambell, Thief River Falls, Minn.

76238 **Hazel of Springside**
Sire *Golden May King of Springside* 27833. Dam *May King's Lily of Springside* 56382.
Born Feb. 10, 1917. B. and O.: Harry B. Shenk, Manheim, Pa.

76239 **Nora of Springside**
Sire *Golden May King of Springside* 27833. Dam *Nora of Ledyard* 20599.
Born Feb. 27, 1917. B. and O.: Harry B. Shenk, Manheim, Pa.

76240 **Janet of Springside**
Sire *Golden May King of Springside* 27833. Dam *May King's Beatrice of Springside* 56383.
Born March 6, 1917. B. and O.: Harry B. Shenk, Manheim, Pa.

76241 **Lucy of Oak Grove**
Sire *Pedro of Oak Grove* 31263. Dam *Nelly of the Valley* 43174.
Born July 1, 1917. B. and O.: J. H. Blose, Urbana, Ohio.

76242 **Lobelia's Daughter of Harriton**
Sire *Glenwood's Autocrat of Haddon* 26966. Dam *Lobelia of Harriton* 37350.
Born May 19, 1916. B.: M. M. Vaux, Bryn Mawr, Pa. O.: R. F. Howe, Jericho, N. Y.

76243 **Sue H. of Riverside**
Sire *Hollyhock Lad* 21597. Dam *Florence H. of Riverside* 41773.
Born March 14, 1917. B. and O.: David Bogie, Sullivan, Wis.

76244 **Joan of Riverside**
Sire *Hollyhock Lad* 21597. Dam *Johanna of Riverside* 44495.
Born March 15, 1917. B. and O.: David Bogie, Sullivan, Wis.

76245 **Bunny B. of Riverside**
Sire *Hollyhock Lad* 21597. Dam *Pet B. 2d* 51228.
Born March 18, 1917. B. and O.: David Bogie, Sullivan, Wis.

76246 **Harriet H. of Riverside**
Sire *Hollyhock Lad* 21597. Dam *Hazel of Riverside* 36232.
Born March 29, 1917. B. and O.: David Bogie, Sullivan, Wis.

76247 **Sweetheart B. of Riverside**
Sire *Hollyhock Lad* 21597. Dam *Hertha B.* 28218.
Born April 25, 1917. B. and O.: David Bogie, Sullivan, Wis.

76248 **Silva Belva**
Sire *Nourmahala's Yeoman* 18867. Dam *Queen Mabel* 41693.
Born Oct. 14, 1915. B. and O.: Frank Dietz, Greenville, Wis.

76249 **Pet of Forest View**
Sire *Nourmahala's Yeoman* 18867. Dam *Pleasant Fussy* 41694.
Born April 4, 1916. B. and O.: Frank Dietz, Greenville, Wis.

76250 **Holly from Forest View**
Sire *Nourmahala's Yeoman* 18867. Dam *Rell* 29648.
Born April 20, 1916. B. and O.: Frank Dietz, Greenville, Wis.

76251 **Speckled Juliet**
Sire *Nourmahala's Yeoman* 18867. Dam *Posa* 29205.
Born May 16, 1916. B. and O.: Frank Dietz, Greenville, Wis.

76252 **Lady Eileen Douglas**
Sire *Ada's Douglas* 28961. Dam *Lady Heartcourt* 48631.
Born June 19, 1917. B. and O.: Mrs. F. W. Hobbs, Eau Claire, Wis.

76253 **Folly Suzette**
Sire *Allenwood King Regent* 23641. Dam *Imp. Lady of Tamworth* 33123.
Born March 17, 1917. B. and O.: Reuben H. Donnelley, Lake Forest, Ill.

76254 **Folly Laura**
Sire *Allenwood King Regent* 23641. Dam *Imp. Constance of Sarnia* 53727.
Born May 10, 1917. B. and O.: Reuben H. Donnelley, Lake Forest, Ill.

76255 **Meadow Maid of Bon Ayre**
Sire *St. Austell Sentinel* 32686. Dam *Meadow-Gold Dairymaid* 47214.
Born Jan. 15, 1917. B. and O.: H. W. Wigman, Lansing, Mich.

76256 **Nellie of Star View Farm**
Sire *Cardinal of Paxtang* 25215. Dam *Lily of Star View Farm* 41707.
Born Feb. 5, 1917. B. and O.: Delmar Sharretts, Berwick, Pa.

76257 **Lillie of Rising Sun**
Sire *Cottie's Royal Laddie* 29024. Dam *Daisy of Rising Sun* 42601.
Born May 19, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

76258 **July of Rising Sun**
Sire *Cottie's Royal Laddie* 29024. Dam *Rising Sun's Pearl* 57424.
Born July 31, 1917. B. and O.: Samuel Hertel, Van Wert, Ohio.

76259 **Petite's May Rose of Baker's Farm**
Sire *Rose King of Jean Du Luth* 24329. Dam *Imp. Petite II. of Dorset Farm* 40090.
Born May 24, 1917. B.: George C. Stone, Twig, Minn. O.: M. J. Baker, Deer River, Minn.

76260 **Glenwood Beauty of Lakeside**
Sire *Show Me, I'm from Waukesha* 32176. Dam *Imp. Nelson's Duchess* 33109.
Born April 22, 1917. B.: H. N. Longley, Dousman, Wis. O.: Hugo E. Wunsch, Haven, Wis.

76261 **King's Polly Ann Jewell**
Sire *Stella's Favorite Goldseeker of A. D. Farm* 35231. Dam *King's Polly Ann* 55118.
Born Jan. 5, 1917. B. and O.: Cyrus Hover, Lima, Ohio.

76262 **Le Gelé's Prairie Side Bell**
Sire *Prairie Side King* 28079. Dam *Imp. Le Gelé's May II.* 39558.
Born Jan. 21, 1917. B. and O.: H. H. Martin, Cass Lake, Minn.

76263 **Point Rockway Queen**
Sire *Point Rockaway Chief* 34070. Dam *Rosilina of Riverside* 23935.
Born Feb. 20, 1917. B. and O.: Charles E. Ward, Lisbon, N. Y.

76264 **Muttontown Hilda**
Sire *Harbor Hill's Linden Masher* 27831. Dam *Muttontown Mina* 51082.
Born June 9, 1917. B. and O.: Bronson Winthrop, Syosset, N. Y.

76265 **Fanny's Dewdrop of Troutmere**
Sire *Washington of Maple Glen* 22477. Dam *Fanny Masher* 42973.
Born Aug. 14, 1917. B. and O.: Theo. Werder, Sanborn, Wis.

76266 **May Royal's Beauty**
Sire *May Royal's Fontaine* 36114. Dam *Una's Alphea Bopeep* 45399.
Born April 19, 1917. B. and O.: Williams Bros., Marysville, Kansas.

76267 **Katie of Old Hickory**
Sire *Préel of Homestead* 34414. Dam *Cereal of Sarnia* 40340.
Born May 11, 1917. Twin with bull No. 46053. B. and O.: F. W. Abbs, Fond du Lac, Wis.

76268 **Rea Jane**
Sire *Victoria's Sequel of Highway* 28649. Dam *Clover's Orphan* 67507.
Born March 4, 1917. B. and O.: R. T. Mumma, Amelia Court House, Va.

76269 **Selma's Delight**
Sire *Glenwood's Prince Eli of Lakefields* 21990. Dam *Selma's Clover Leaf* 39056.
Born March 2, 1917. B. and O.: E. G. Crocker, Saint Albans, Maine.

76270 **Flodell Primula**
Sire *Evette's King* 22341. Dam *Primrose's Priscilla* 53934.
Born March 5, 1917. B. and O.: J. Russell Danks, De Lancey, N. Y.

76271 **Flodell Charity**
Sire *Evette's King* 22341. Dam *Imp. Charmante of Sarnia* 50477.
Born March 26, 1917. B. and O.: J. Russell Danks, De Lancey, N. Y.

76272 **Flodell Constance**
Sire *Evette's King* 22341. Dam *Imp. Comely of Sarnia* 50493.
Born April 24, 1917. B. and O.: J. Russell Danks, De Lancey, N. Y.

76273 **Susan of Donibristle**
Sire *Roberts' Boy of Fairfield Farm* 33580. Dam *Fanny of Fairfield Farm* 34696.
Born July 28, 1917. B. and O.: Est. Wolcott H. Johnson, Wenham, Mass.

76274 **Princess Spots**
Sire *Masher's Sequel of Hillsdale* 30617. Dam *Kaiser's Princess* 58945.
Born April 19, 1917. B. and O.: H. C. Sutcliffe, Black Earth, Wis.

76275 **Von of Smallidge Farm**
Sire *Ezalia's May King* 17089. Dam *Loretta of Eau Claire* 30795.
Born May 24, 1917. B. and O.: E. J. Smallidge, Eau Claire, Mich.

76276 **Valley Flower's Phebe**
Sire *Lord Rose Mar Galaxy of Boneka* 31058. Dam *Valley Flower of the Elms* 35511.
Born Jan. 25, 1917. B. and O.: W. E. Sargent, Chittenden, Vt.

76277 **Neshobe's Queen's Buttercup**
Sire *Lord Rose Mar Galaxy of Boneka* 31058. Dam *Neshobe's Queen* 35512.
Born Feb. 14, 1917. B. and O.: W. E. Sargent, Chittenden, Vt.

76278 **Governor's Yeksa of Meadowview**
Sire *First Dawn's Governor* 23907. Dam *Yeksa of Meadowview* 31262.
Born March 18, 1917. B. and O.: M. M. Williams, Little Falls, Minn.

76279 **Ulrica of Meadowview's Dawn**
Sire *First Dawn's Governor* 23907. Dam *Raymond's Ulrica of Meadowview* 50207.
Born March 30, 1917. B. and O.: M. M. Williams, Little Falls, Minn.

76280 **Governor's Beauty**
Sire *First Dawn's Governor* 23907. Dam *Park's Beauty* 24021.
Born April 3, 1917. B. and O.: M. M. Williams, Little Falls, Minn.

76281 **Governor's Pink of Meadowview**
Sire *First Dawn's Governor* 23907. Dam *Miriam's Pink of Meadowview* 49980.
Born April 29, 1917. B. and O.: M. M. Williams, Little Falls, Minn.

76282 **Louisa of Willow Brook**
Sire *Uncle Jim* 16740. Dam *Bettie of Willow Brook* 23331.
Born Jan. 6, 1917. B. and O.: Miss Nannie G. Merryman, Cockeysville, Md.

76283 **Imp. Sailor Girl of Hawthorn**
Sire On Guernsey *Lively's Sailor Boy of Les Quartiers* (R. G. A. S. 3622 P. S.) Dam *Imp. Ethella of Sarnia* 69005.
Born Jan. 11, 1917. B.: G. Falla, Island of Guernsey. O.: J. R. Love & Son, Waukesha, Wis.

76284 **Imp. Lady Beauty of Greenmeadows**
Sire *Imp. Golden Noble II. of the Briquet* 40951. Dam *Imp. McKerrow's Lady Beauty* 68718.
Born March 25, 1917. Imp. in dam. B.: John Le Page, Island of Guernsey. O.: A. L. French, Chapin, Ill.

76285 **Polly's Pride of Dreamwold**
Sire *Golden Secret of Boulder Farm* 35726. Dam *Polly of Waveland* 54440.
Born May 4, 1917. B.: Est. G. K. Barton, Cedar Rapids, Iowa. O.: J. Harry Davis, Williamsfield, Ohio.

76286 **Raemelton's Violet**
Sire *Imp. Golden Noble of the Chêne* 35593. Dam *Imp. Violet of Bouvée* 60642.
Born April 24, 1916. B.: F. S. Peer, Cranford, N. J. O.: F. B. Black, Mansfield, Ohio.

76287 **Raemelton's Beshroud**
Sire *Florham Squire* 33996. Dam *Imp. Braye Beshroud* 60638.
Born Feb. 4, 1917. B. and O.: F. B. Black, Mansfield, Ohio.

76288 **Clara's Lily of St. Croix**
Sire *Imp. Clara's Sequel* 29414. Dam *Chula Fernwood* 35310.
Born Feb. 5, 1917. B. and O.: Lloyd Rundell, Roberts, Wis.

76289 **Suzanne's Susan**
Sire *Suzanne's Raymond* 35931. Dam *Suzanne* 18785.
Born June 22, 1917. B. and O.: Est. Henry Wick, Youngstown, Ohio.

76290 **Violet's Goldenrod of Fisherbrook**
Sire *Western Gold Prince* 27802. Dam *Aldermead's Violet* 42519.
Born April 27, 1917. B. and O.: W. H. Franklin, Milltown, Wash.

76291 **Pansy's Dusky Rose of Fisherbrook**
Sire *Goldie's Chief of Aldermead* 34034. Dam *Pansy of Fisherbrook Farm* 60153.
Born May 4, 1917. B. and O.: W. H. Franklin, Milltown, Wash.

76292 **Rosemead Honoria**
Sire *Imp. Governor of the Vauquiedor* 39925. Dam *Imp. May Queen of Duvaux III.* 65756.
Born June 3, 1917. B.: F. S. Peer, Cranford, N. J. O.: James E. Rothwell, Cotuit, Mass.

76293 **Hattie's Pride of Simsbury**
Sire *Imp. Governor of the Vauquiedor* 39925. Dam *Imp. Sally's Pride III. of le Douit* 66985.
Born June 16, 1917. B.: F. S. Peer, Cranford, N. J. O.: Samuel T. Welden, Simsbury, Conn.

76294 **Viola of Wayland**
Sire *Duke of Wayland* 26736. Dam *Violet of Wayland* 29949.
Born Aug. 4, 1917. B. and O.: Est. W. P. Perkins, Wayland, Mass.

76295 **Rock Rose of Wayland**
Sire *Duke of Wayland* 26736. Dam *Rosemary of Wayland* 29953.
Born Aug. 7, 1917. B. and O.: Est. W. P. Perkins, Wayland, Mass.

76296 **Carmen of Meeme**
Sire *Fred of Meeme* 24232. Dam *Meeme Girl* 30757.
Born March 4, 1917. B. and O.: Fred. Schreiber, Kiel, Wis.

76297 **Fairy Queen of Sunnyside**
Sire *Meadow Farm Triple Rose* 28374. Dam *Meadow Farm Flossie* 25036.
Born July 1, 1916. B.: George Higginson, Jr., Winnetka, Ill. O.: George D. Fellows, Algoma, Wis.

76298 **Dairymaid of Linda Vista**
Sire *Don Filippo of Linda Vista* 25544. Dam *Imp. Ravenscroft Buttercup* 45010.
Born March 10, 1917. Twin with cow No. 76299. B. and O.: Louis E. P. Smith, Holliston, Mass.

76299 **Milkmaid of Linda Vista**
Sire *Don Filippo of Linda Vista* 25544. Dam *Imp. Ravenscroft Buttercup* 45010.
Born March 10, 1917. Twin with cow No. 76298. B. and O.: Louis E. P. Smith, Holliston, Mass.

76300 **Beauty of Highlands**
Sire *Teddy of Crystal View* 31535. Dam *Duchess of Highlands* 47436.
Born Feb. 18, 1917. B. and O.: W. R. Adams, Mankato, Minn.

76301 **Rosetta B.'s Glenwood Girl**
Sire *Miranda's Combination* 29009. Dam *Jedetta B.'s Glenwood Girl* 55086.
Born April 5, 1916. B.: Grant M. Enlow, Fairfield, Iowa. O.: B. G. Rolf, West Burlington, Iowa.

76302 **Greenwood Gem 3d**
Sire *Golden Lad of Greenwood* 32812. Dam *Greenwood Gem* 26483.
Born March 6, 1917. B. and O.: C. H. Dildine, Orangeville, Pa.

76303 **Elizabeth of East View**
Sire *Imp. Governor of the Belles* 19076. Dam *Florence of East View* 50918.
Born Feb. 26, 1917. B. and O.: B. D. Phenix, Bradford, Ill.

76304 **Mignot's Dairymaid of Lakeside**
Sire *Ingleside King Pretor* 29171. Dam *Imp. Mignot of Sarnia* 35630.
Born July 1, 1917. B.: March & McGrew, Dassel, Minn. O.: E. E. McGrew, Dassel, Minn.

76305 **Isabelle of Egypt**
Sire *Homer of Hickory Grove* 32669. Dam *Carmen Surprise* 65328.
Born Aug. 7, 1917. B. and O.: Charles L. Berg, Bremen, Ind.

76306 **Boneka's Stella Rose Itchen**
Sire *Duke May Galaxy of Boneka* 32675. Dam *Rosalay's Itchen of Boneka* 30079.
Born March 13, 1917. B. and O.: J. H. Hunter, Valley Falls, N. Y.

76307 **Boneka's Luella May Galaxy**
Sire *Duke May Galaxy of Boneka* 32675. Dam *May Sequel of Boneka* 42542.
Born April 1, 1917. B. and O.: J. H. Hunter, Valley Falls, N. Y.

76308 **Boneka's Lucy May Galaxy**
Sire *May King Sequel of Boneka* 31057. Dam *Margaret Galaxy of Boneka* 42225.
Born April 23, 1917. B. and O.: J. H. Hunter, Valley Falls, N. Y.

76309 **Boneka's Nancy May Rose**
Sire *France May Rose* 19463. Dam *Rose Sequel of Boneka* 46851.
Born April 27, 1917. B. and O.: J. H. Hunter, Valley Falls, N. Y.

76310 **Duchess's Jewel of Maple Cliff**
Sire *Glenwood of Maple Cleft* 33474. Dam *Von Don Duchess* 25855.
Born March 22, 1917. B. and O.: N. W. Richards, Saint Albans, Maine.

76311 **Ethel of Sunny Crest**
Sire *Star of Fairlea* 25027. Dam *Thistledown of Sunny Crest* 51144.
Born March 4, 1917. B. and O.: John Graham, Ballston Spa, N. Y.

76312 **Evangeline of Sunny Crest**
Sire *Star of Fairlea* 25027. Dam *Olga R. of Sunny Crest* 67190.
Born June 10, 1917. B. and O.: John Graham, Ballston Spa, N. Y.

76313 **Linnette of Elgercon**
Sire *Pride of Day's Sultan* 25640. Dam *Imp. Clatford Moulinette* 40615.
Born April 9, 1917. B. and O.: Mrs. Gertrude L. C. Tucker, Willoughby, Ohio.

76314 **Princess Primrose of Elgercon**
Sire *Pride of Day's Sultan* 25640. Dam *Imp. Lynchmere Princess* 40640.
Born April 11, 1917. B. and O.: Mrs. Gertrude L. C. Tucker, Willoughby, Ohio.

76315 **Ersie of the Swale**
Sire *Governor of the Jaonnets* 27743. Dam *De La Hure of the Chêne* 49027.
Born March 17, 1917. B. and O.: John Hall, Moravia, N. Y.

76316 **Pearl of Mobjack**
Sire *Golden Noble of Rich Neck* 25431. Dam *Salome's Pearl* 43571.
Born April 14, 1917. B. and O.: Herman Hollerith, Washington, D. C.

76317 **Lady Mobjack 2d**
Sire *Golden Noble of Rich Neck* 25431. Dam *Lady Mobjack* 58845.
Born May 19, 1917. B. and O.: Herman Hollerith, Washington, D. C.

76318 **May Rose Celestine**
Sire *May Rose King 2d* 13130. Dam *Celestine McQueen* 26613.
Born April 11, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76319 **Celestine's Valentine**
Sire *Imp. Valentine's Squire* 28093. Dam *Celestine McQueen of Woodend* 43101.
Born April 21, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76320 **May Rose Lucretia**
Sire *May Rose King 2d* 13130. Dam *Lucretia's Emerita of Woodend* 45309.
Born April 26, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76321 **Primana of Woodend 2d**
Sire *Imp. Valentine's Squire* 28093. Dam *Primana of Woodend* 32242.
Born May 6, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76322 **Governor's Daisy H.**
Sire *Imp. Cora's Governor of Chilmark* 8971. Dam *Daisy H. of Woodend* 41275.
Born May 21, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76323 **Squire's Beatrice**
Sire *Imp. Valentine's Squire* 28093. Dam *Beatrice of Sea View* 23189.
Born June 14, 1917. B. and O.: Albert C. Loring, Minneapolis, Minn.

76324 **Rosie of Hillside**
Sire *Massasoit of Bon Ayre* 28372. Dam *Rosendale's Quoin of Hillside* 52023.
Born Feb. 4, 1917. B. and O.: Rush L. Chapman, Fort Atkinson, Wis.

76325 **Delia of Hillside**
Sire *Massasoit of Bon Ayre* 28372. Dam *Fidelia of Hillside* 59659.
Born Feb. 14, 1917. B. and O.: Rush L. Chapman, Fort Atkinson, Wis.

76326 **Sharon Bell**
Sire *King William of Bon Ayre* 27316. Dam *Wood Ford's Hope* 53252.
Born Jan. 12, 1917. B.: A. C. Ramseyer, Smithville, Ohio. O.: Crawford & Davis, Newark, Ohio.

76327 **Northern Belle's Queen**
Sire *Belle of Richland's Glenwood Boy* 28813. Dam *Northern Belle* 15397.
Born July 28, 1915. B.: A. T. Hall, Three Rivers, Mich. O.: A. T. Hall & Son, Three Rivers, Mich.

76328 **Bonnie Kate**
Sire *Morven's Lady's King* 20019. Dam *Daffodil of Wavertree* 43581.
Born Feb. 4, 1917. B. and O.: H. D. Newcomb, Warren, Va.

76329 **Millie's Money Maker of Van Wert**
Sire *Referee of Anna Dean Farm* 30015. Dam *Pansy of Oakgrove* 32698.
Born March 22, 1917. B.: Charles Wollenhaupt, Van Wert, Ohio. O.: Forest S. Schaffer, Van Wert, Ohio.

76330 **First Lady's Maid**
Sire *Duke Stranford's Glenwood of Shorewood* 29022. Dam *Sequel's First Lady of Shorewood* 58155.
Born May 29, 1917. B. and O.: D. D. Tenney, Crystal Bay, Minn.

76331 **Itchen Rosette of Shorewood**
Sire *Itchen Daisy's May King of Langwater* 17349. Dam *Imp. Rosette of Marais Farm* 67686.
Born Aug. 12, 1917. B.: J. L. Hope, Madison, N. J. O.: D. D. Tenney, Crystal Bay, Minn.

76332 **Albamont Louise**
Sire *Langwater Golden Secret* 26510. Dam *Lady Royal of Pomeroy* 38173
Born Jan. 15, 1917. B.: M. T. Phillips, Pomeroy, Pa. O.: John C Haartz, Campton, N. H.

76333 **Albamont Rosebud**
Sire *Brookmead's Yeo* 28309. Dam *Moss Rose of the Glen* 39999.
Born Jan. 24, 1917. B.: W. S. Kilton, Northboro, Mass. O.: John C. Haartz, Campton, N. H.

76334 **Albamont Pollyanna**
Sire *Rutila's Patient King* 32114. Dam *Polly of Gerar* 53663.
Born Feb. 2, 1917. B.: Louis McL. Merryman, Cockeysville, Md. O.: John C. Haartz, Campton, N. H.

76335 **Atlasta Jane**
Sire *Imp. Atlasta Governor* 24823. Dam *Lady Jane of Kirkside* 33526.
Born Feb. 12, 1917. B. and O.: C. T. Bundy, Eau Claire, Wis.

76336 **Atlasta May**
Sire *Jane's Princeling* 24281. Dam *Atlasta May Kelley* 57459.
Born Feb. 18, 1917. B. and O.: C. T. Bundy, Eau Claire, Wis.

76337 **Atlasta Kathryn 2d**
Sire *Jane's Princeling* 24281. Dam *Atlasta Kathryn* 58565.
Born Feb. 19, 1917. B. and O.: C. T. Bundy, Eau Claire, Wis.

76338 **Atlasta Governor's Primrose**
Sire *Imp. Atlasta Governor* 24823. Dam *Imp. Primrose of les Portelettes* 35524.
Born April 8, 1917. B. and O.: C. T. Bundy, Eau Claire, Wis.

76339 **Atlasta Rouge 2d**
Sire *Jane's Princeling* 24281. Dam *Atlasta Rouge* 51057.
Born April 13, 1917. B. and O.: C. T. Bundy, Eau Claire, Wis.

76340 **Martie of Inverness**
Sire *Selma of Pinehurst 4th's Glenwood* 25849. Dam *Molly Glenwood of Inverness* 42707.
Born March 13, 1917. B. and O.: A. W. & R. O. Hargrave, Ripon, Wis.

76341 **Calla Lily of Inverness**
Sire *Glenwood Boy of Waukesha* 15776. Dam *Gyp's Murne of Inverness* 59607.
Born March 28, 1917. B. and O.: A. W. & R. O. Hargrave, Ripon, Wis.

76342 **Genevieve of Inverness**
Sire *Selma of Pinehurst 4th's Glenwood* 25849. Dam *Jennie Glenwood of Inverness* 54504.
Born May 4, 1917. B. and O.: A. W. & R. O. Hargrave, Ripon, Wis.

76343 **Pansy's Gem**
Sire *May King Masher* 34430. Dam *Celestine M.'s Pansy* 64247.
Born May 7, 1917. B. and O.: L. S. Philbrook, Webster, S. Dak.

76344 **Alma of Upton Pyne**
Sire *Squire of the Glen* 18805. Dam *Chaperon of Upton Pyne* 54222.
Born Jan. 18, 1917. B. and O.: Percy R. Pyne, Bernardsville, N. J.

76345 **Lura's Deasie May of Mineral Home**
Sire *Deasie's May Rose of Allenwood* 33278. Dam *Lura Sequel* 38830.
Born Dec. 24, 1916. B. and O.: E. J. Fruit, Platteville, Wis.

76346 **Sanoma of Lickbrook**
Sire *Golden Boy of Pencoyd* 18896. Dam *Sanoma Girl* 24610.
Born Dec. 31, 1916. B. and O.: F. R. Allen, Ithaca, N. Y.

76347 **Maud of Waldon**
Sire *Park's Billy Barlow* 23758. Dam *Wanda of Waldon* 49750.
Born July 28, 1916. B. and O.: Est. W. D. Douglas, Deephaven, Minn.

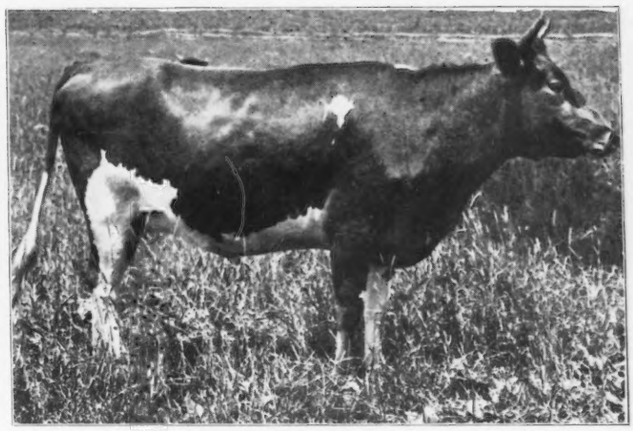
76348 **Jewel Tonka of Waldon**
Sire *Park's Billy Barlow* 23758. Dam *Lily of Waldon* 42208.
Born Dec. 28, 1916. B. and O.: Est. W. D. Douglas, Deephaven, Minn.

76349 **Lady Rose Glenwood**
Sire *Blanche's King of Rock* 31378. Dam *Glenwood Daybeam* 27003.
Born Jan. 31, 1917. B. and O.: C. I. Morrison, Fort Atkinson, Wis.

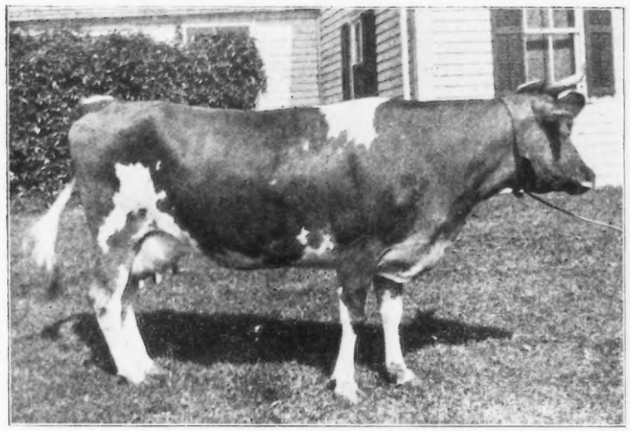
76350 **Clovilla's Sunbeam's Bessie**
Sire *Cato Buster* 15076. Dam *Clovilla's Sunbeam* 53339.
Born Feb. 10, 1917. B. and O.: B. A. Jacklin & Sons, Waupaca, Wis.

THE ADVANCED REGISTER OF GUERNSEY CATTLE

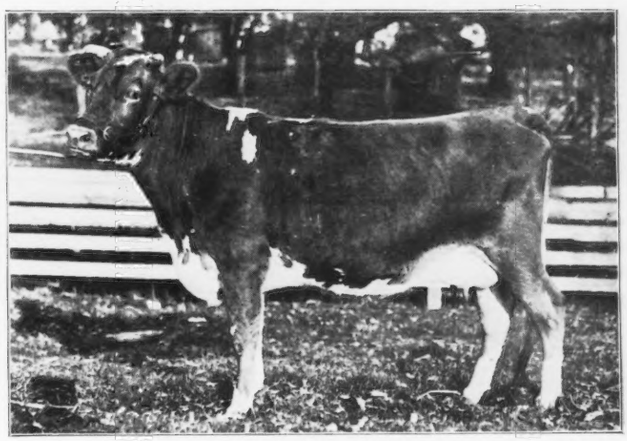
FLORESTINE 14842
Official year's record: 9185.20 lbs. milk; 442.28 lbs. butter fat.
A. R. 5609



MARIE OF GERAR 53661
Official year's record: 9746.20 lbs. milk; 463.60 lbs. butter fat.
A. R. 5610

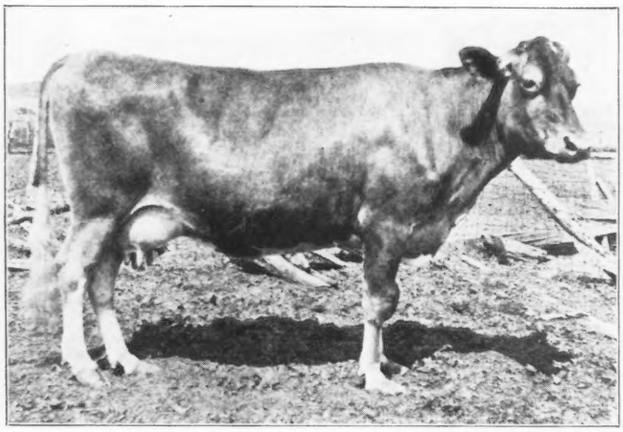


IMP. SAN TOY'S STAR 47424
Official year's record: 9950.60 lbs. milk; 481.66 lbs. butter fat.
A. R. 5611

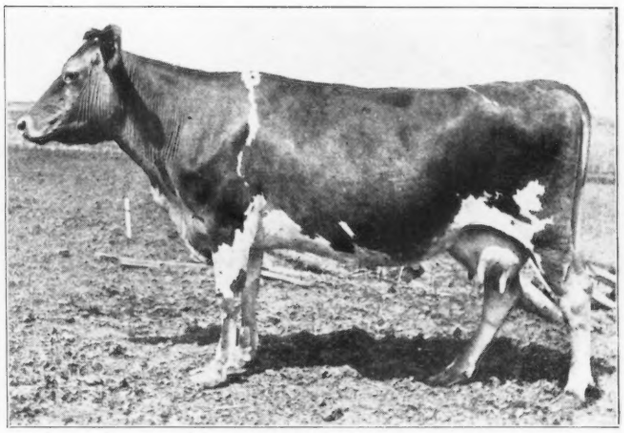


FERN OF RICH NECK 54991
Official year's record: 8919.10 lbs. milk; 487.01 lbs. butter fat.
A. R. 5615

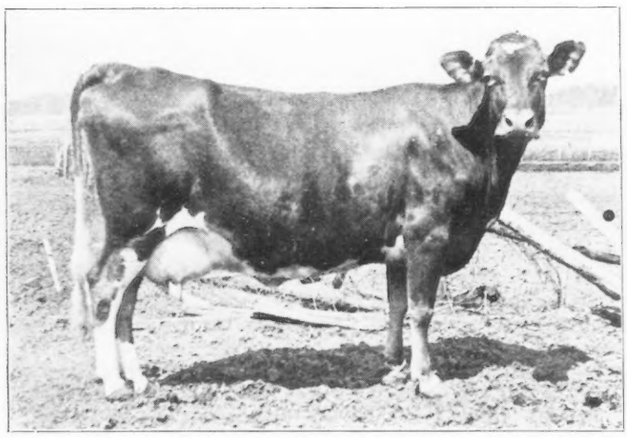
THE ADVANCED REGISTER OF GUERNSEY CATTLE



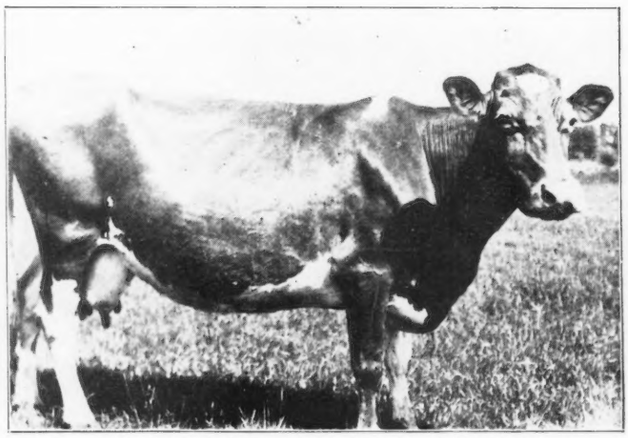
IMP. NELLIE OF COURTIL RONCHIN 40390
Official year's record: 9223.50 lbs. milk; 537.89 lbs. butter fat.
A. R. 5617



FAIR QUEEN'S NUGGET 42909
Official year's record: 11704.50 lbs. milk; 549.20 lbs. butter fat.
A. R. 5618

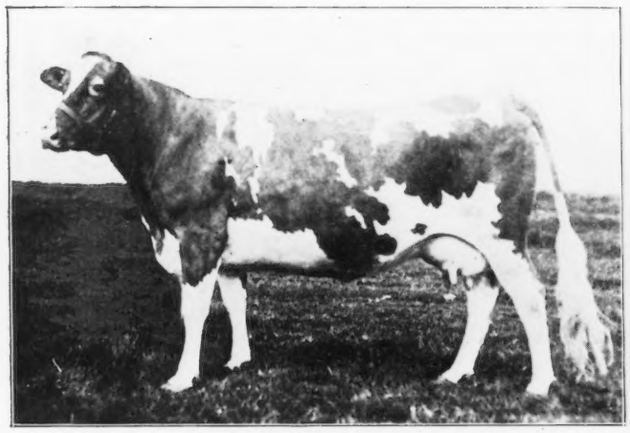


IMP. LAUNY II. 40382
Official year's record: 10921.20 lbs. milk; 571.49 lbs. butter fat.
A. R. 5619

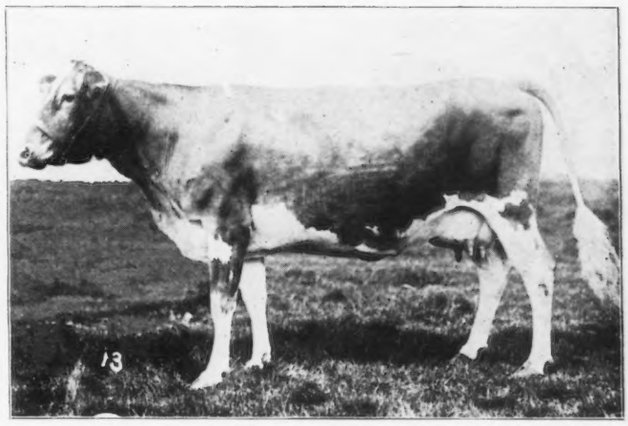


DUENOTA 20629
Official year's record: 7288.00 lbs. milk; 409.99 lbs. butter fat.
A. R. 5623

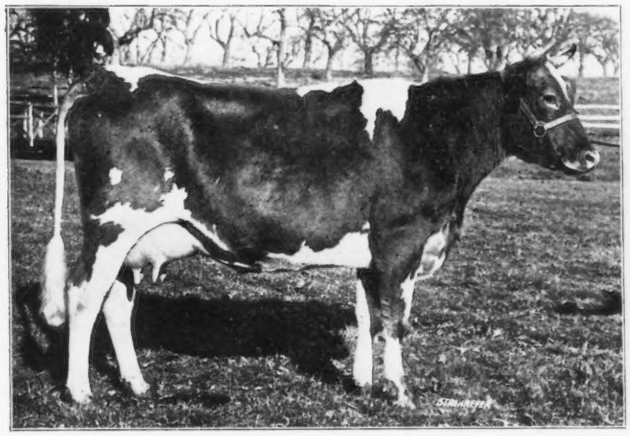
THE ADVANCED REGISTER OF GUERNSEY CATTLE



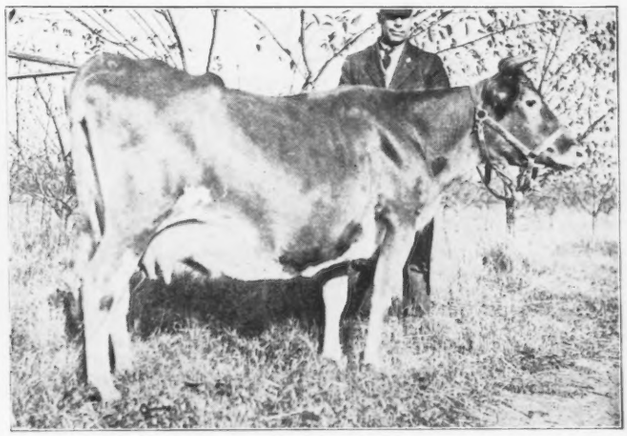
LEOPARDA OF LONE MOUND 28698
Official year's record: 9130.10 lbs. milk; 430.33 lbs. butter fat.
A. R. 5624



CLAUDIA CLAIRE 37645
Official year's record: 10630.00 lbs. milk; 580.11 lbs. butter fat.
A. R. 5625

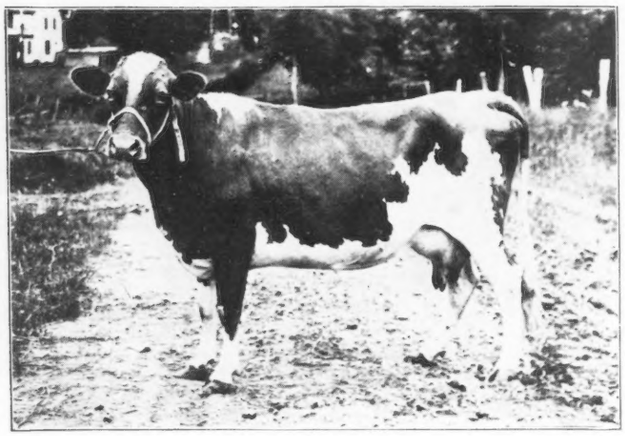


BROOKMEAD'S MAYA 52086
Official year's record: 9554.60 lbs. milk; 447.22 lbs. butter fat.
A. R. 5626

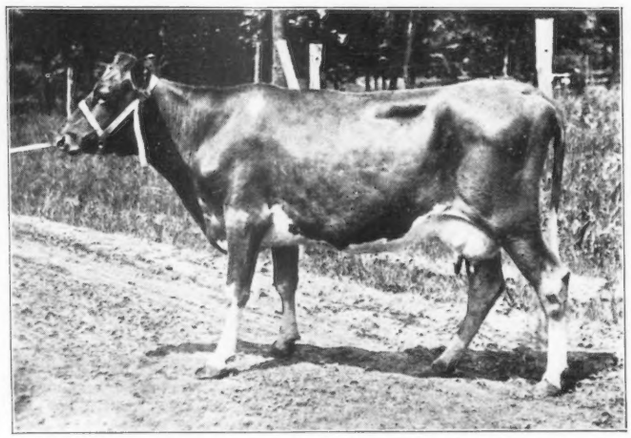


IMP. ALIEN OF SARNIA 50480
Official year's record: 9657.00 lbs. milk; 494.71 lbs. butter fat.
A. R. 5630

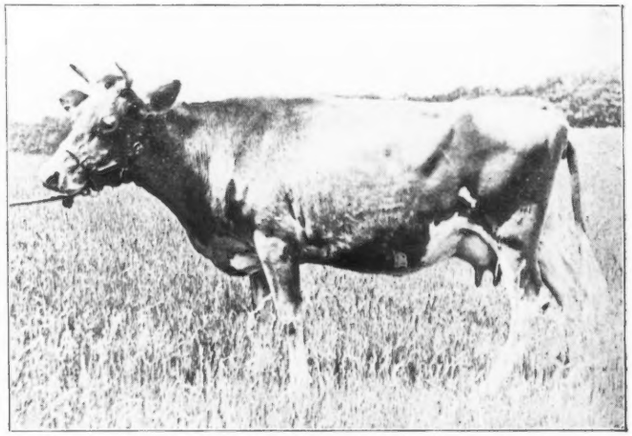
THE ADVANCED REGISTER OF GUERNSEY CATTLE



WOLFRAM'S MARGERY 34545
Official year's record: 8633.40 lbs. milk; 434.67 lbs. butter fat.
A. R. 5643



TEKLA ROSE 48146
Official year's record: 7500.90 lbs. milk; 376.07 lbs. butter fat.
A. R. 5649



IMP. DULCIS OF SARNIA 65360
Official year's record: 7060.80 lbs. milk; 339.90 lbs. butter fat.
A. R. 5658

5606 Antoinette of Chilmark 2d 48898

Sire King Masher 11084 A. R.
Sire Imp. Masher's Galore 8572 A. R.
Dam Imp. Antoinette's Queen's Prize VII. 16010 A. R. 497.
Dam Antoinette of Chilmark 24816 A. R. 1544.
Sire Imp. Cora's Governor of Chilmark 8971 A. R.
Dam Imp. Antoinette's Queen's Prize VII. 16010 A. R. 497.
Breeder V. Everit Macy, Ossining, N. Y.
Owner V. Everit Macy, Ossining, N. Y.
Born Dec. 9, 1913. *Calved* Aug. 9, 1916.
Served Mar. 19, 1917.
Requirement for admission: 275.10 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	13, 1916,	564.40	5.08	28.67
Sept.,	"	1048.00	4.53	47.47
Oct.,	"	1031.20	5.03	51.87
Nov.,	"	938.10	5.74	53.85
Dec.,	"	935.80	6.02	56.34
Jan.,	1917,	969.00	5.83	56.49
Feb.,	"	864.80	5.47	47.30
Mar.,	"	925.50	5.70	52.75
Apr.,	"	899.20	5.35	48.11
May,	"	910.30	5.37	48.88
June,	"	816.90	5.48	44.77
July,	"	738.60	5.43	40.11
Aug.	12, "	273.70	5.91	16.18
	Total	**10915.50**	**5.43 Av.**	**592.79**

Owner's Statement of Feed

Aug.—Bran mash and a mixture of bran, ground oats, and oil meal to the 19th, then 3 to 9 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 200 lbs. ground corn and oats, 250 lbs. Ajax Flakes, 50 lbs. each gluten and oil meal, 33 lbs. cottonseed meal, 8 lbs. salt; 2 to 5 lbs. beet pulp, green feed, 5 lbs. alfalfa.

Sept.—9 to 15 lbs. grain daily same mixture as last of August; 6 lbs. beet pulp, 10 lbs. mangels, green feed, 5 lbs. alfalfa.

Oct.—15 lbs. grain daily same mixture as September; 5 lbs. beet pulp, 30 lbs. mangels, 10 lbs. alfalfa.

Nov.—15 lbs. grain daily of the following mixture: 100 lbs. each bran and hominy, 200 lbs. ground corn and oats, 250 lbs. Ajax Flakes, 25 lbs. gluten, 33 lbs. cottonseed meal, 50 lbs. oil meal, 8 lbs. salt; 5 lbs. beet pulp, 30 lbs. mangels, and alfalfa.

Dec.—Same ration as given in November.

Jan.—15 lbs. grain daily of the following mixture: 100 lbs. bran, 250 lbs. each ground (corn and oats) and Ajax Flakes, 33 lbs. cottonseed meal, 50 lbs. oil meal, 8 lbs. salt; 6 lbs. beet pulp, 30 lbs. mangels, and alfalfa.

Feb.—Same ration as given in January.

Mar.—16 lbs. grain daily of the following mixture: 100 lbs. each bran and oil meal, 250 lbs. each ground (corn and oats) and Ajax Flakes, 33 lbs. cottonseed meal, 8 lbs. salt; 10 lbs. beet pulp, alfalfa.

Apr.—15 lbs. grain daily same mixture as March; 10 lbs. beet pulp, alfalfa.

May—Same ration as given in April.

June—Same ration as given in April with pasture.

July—Same ration as given in June.

Aug.—Same ration as given in June.

5607 Queen of Sherborn 53416

Sire Hayes Golden 2d 19541 A. R.
Sire Imp. Hayes Golden 17127.
Dam Millwood's Cousin Clotilde 28985 A. R. 2191.
Dam Holliston's Queen Mab 23515.
Sire France's Vauxbelets 9501.
Dam Frolisparia 17674.
Breeder Clement S. Houghton, Sherborn, Mass.
Owner Clement S. Houghton, Sherborn, Mass.
Born Apr. 3, 1914. *Calved* Aug. 12, 1916.
Served Mar. 19, 1917.
Requirement for admission: 263.90 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	16, 1916,	396.80	4.23	16.78
Sept.,	"	748.40	4.51	33.75
Oct.,	"	618.50	4.75	29.38
Nov.,	"	667.40	4.71	31.43
Dec.,	"	732.70	4.92	36.05
Jan.,	1917,	780.20	4.96	38.70
Feb.,	"	698.40	5.12	35.76
Mar.,	"	789.30	4.91	38.75
Apr.,	"	710.30	5.11	36.30
May,	"	701.70	5.32	37.33
June,	"	729.10	4.96	36.16
July,	"	721.40	5.27	38.02
Aug.	15, "	313.30	5.86	18.36
	Total	**8607.50**	**4.96 Av.**	**426.77**

Owner's Statement of Feed

Aug.—1 lb. grain daily of the following mixture to each 3 lbs. milk: 200 lbs. each bran, hominy, gluten, cottonseed meal, and oil meal, 300 lbs. ground oats, 400 lbs. Ajax Flakes; 8 lbs. beet pulp, green clover, 5 lbs. clover hay.

Sept.—Same ration as August with sudan grass as green feed.

Oct.—Same ration as September with 20 lbs. ensilage in place of beet pulp.

Nov.—Same ration as October with alfalfa in place of clover hay.

Dec.—Same ration as given in November.

Jan.—Same ration as November with 5 lbs. beet pulp added.

Feb.—Same ration as given in January.

Mar.—Same ration as given in January.

Apr.—Same ration as given in January.

May—1 lb. grain daily of the following mixture to each 3 lbs. milk: 300 lbs. each bran, gluten, and cottonseed meal, 200 lbs. each hominy and oil meal, 512 lbs. ground oats; 8 lbs. beet pulp, 20 lbs. ensilage, 5 lbs. each alfalfa and mixed hay, pasture after the 25th.

June—Same grain ration as May; 8 lbs. beet pulp, green wheat and vetch, 2 lbs. clover hay, and pasture.

July—Same grain ration as May; 8 lbs. beet pulp, green oats and peas to the 20th then green sudan grass, clover hay, and pasture.

Aug.—Same grain ration as May; soy beans, sweet corn fodder, clover hay, and pasture.

5608 Delia of Oakwood 26855

Sire Gold Plate's Pride 13102.
Sire Gold Plate 10188.
Dam Rapid Transit 4th 7931.
Dam Imp. Delia of Castel 23491.
Sire Prini Leopoli R. G. A. S. 1443 P. S.
Dam Bonne Femme III. R. G. A. S. 4110 P. S.
Breeder W. Henry Bell, Scotts Station, Ky.
Owner I. E. Emerson, Lutherville, Md.
Born Nov. 13, 1908. *Calved* June 29, 1916.
Served Sept. 27, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Maryland Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	4, 1916,	969.60	4.11	39.85
Aug.,	"	1174.40	4.19	49.21
Sept.,	"	1195.70	4.56	54.52
Oct.,	"	1188.60	5.31	63.11
Nov.,	"	1066.50	5.19	55.35
Dec.,	"	1060.80	5.47	58.03
Jan.,	1917,	1001.20	5.50	55.07
Feb.,	"	875.20	5.55	48.57
Mar.,	"	894.40	5.79	51.79
Apr.,	"	705.00	5.82	41.03
May,	"	690.30	6.04	41.69
June,	"	495.30	6.04	29.92
July	3, "	86.80	6.04	5.24
	Total	**11403.80**	**5.20 Av.**	**593.38**

Owner's Statement of Feed

July—6 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, cottonseed meal, and oil meal, 60 lbs. corn meal, 200 lbs. Ajax Flakes, 75 lbs. gluten; 8 lbs. beet pulp, 10 lbs. ensilage, green feed, 3 lbs. hay.

Aug.—12 lbs. grain daily same mixture as July; 12 lbs. beet pulp, 15 lbs. ensilage, green feed, 5 lbs. hay.

Sept.—16 lbs. grain daily same mixture as July; 12 lbs. beet pulp, 24 lbs. ensilage, 10 lbs. hay.

Oct.—Same grain ration as September; 12 lbs. beet pulp, 24 lbs. ensilage, 15 lbs. alfalfa.

Nov.—Same grain ration as September; 16 lbs. beet pulp, 25 lbs. ensilage, 15 lbs. alfalfa.

Dec.—Same ration as given in November.

Jan.—Same grain ration as September; 16 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Feb.—Same grain ration as September; 16 lbs. beet pulp, 30 lbs. ensilage, 10 lbs. alfalfa.

Mar.—Same grain ration as September; 12 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. alfalfa.

Apr.—Same grain ration as September; 12 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

May—12 lbs. grain daily of the following mixture: 60 lbs. corn meal, 100 lbs. each ground oats, cottonseed meal, and oil meal, 200 lbs. Ajax Flakes, 75 lbs. gluten; 12 lbs. beet pulp, 16 lbs. ensilage, 5 lbs. each (green wheat and vetch) and alfalfa.

June—12 lbs. grain daily same mixture as July; 16 lbs. beet pulp, 24 lbs. ensilage, green feed, 5 lbs. alfalfa.

July—16 lbs. grain daily same mixture as July, 1916; 25 lbs. beet pulp, 20 lbs. green oats and peas, 6 lbs. alfalfa.

5609 Florestine 14842

Sire First of Glyndwr 5641 A. R.
Sire Shylock of Darlington 4579 A. R.
Dam Lenox Dale Maid 5880.
Dam Manetta 10421.
Sire Grillton 4596.
Dam Rissa 9090.
Breeder Fred Rietbrock, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born Mar. 28, 1902. *Calved* July 9, 1916.
Served Dec. 21, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	13, 1916,	594.20	4.28	25.43
Aug.,	"	1082.30	4.28	46.32
Sept.,	"	883.70	5.14	45.42
Oct.,	"	787.80	5.18	40.81
Nov.,	"	721.10	4.49	32.38
Dec.,	"	719.20	4.75	34.16
Jan.,	1917,	646.30	4.96	32.06
Feb.,	"	625.90	5.10	31.92
Mar.,	"	692.10	4.86	33.64
Apr.,	"	670.60	4.53	30.38
May,	"	733.10	4.89	35.85
June,	"	756.10	5.24	39.62
July	12, "	272.80	5.24	14.29
	Total	**9185.20**	**4.82 Av.**	**442.28**

Owner's Statement of Feed

July—10 lbs. grain daily of 4 lbs. bran, 1 lb. each corn meal and oil meal, and 2 lbs. each ground oats and Ajax Flakes; clover and blue grass pasture.

Aug.—10 lbs. grain daily of 3 lbs. each bran and Ajax Flakes, 1 lb. each corn meal and oil meal, and 2 lbs. ground oats; clover and blue grass pasture.

Sept.—10 lbs. grain daily of 2 lbs. each bran, ground oats, and ground barley, 3 lbs. Ajax Flakes, and 1 lb. oil meal; 10 lbs. ensilage, alfalfa and clover hay, clover pasture.

Oct.—11.2 lbs. grain daily of 2.4 lbs. ground oats, 1.2 lbs. ground barley, 3 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .6 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, alfalfa and clover hay.

Nov.—8 lbs. grain daily of .8 lb. each ground oats and ground barley, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Dec.—8 lbs. grain daily of 1.6 lbs. ground oats, .8 lb. ground barley, 2 lbs. Ajax Flakes, 3.2 lbs. ground clover and alfalfa, and .4 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, alfalfa and clover hay.

Jan.—9.05 lbs. grain daily of .9 lb. each ground oats and ground barley, 2.25 lbs. Ajax Flakes, 4.5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, alfalfa and clover hay.

Feb.—9 lbs. grain daily of .9 lb. each ground oats, ground barley, and gluten, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Mar.—10 lbs. grain daily of 1 lb. each ground oats, ground barley, and gluten, 3 lbs. Ajax Flakes, and 4 lbs. ground clover; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Apr.—Same grain ration as February; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

May—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 2 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

June—6 lbs. grain daily of .6 lb. each ground oats, ground barley, and gluten, 1.8 lbs. Ajax Flakes, and 2.4 lbs. ground hay; clover and blue grass pasture.

July—6 lbs. grain daily of 1.2 lbs. ground oats, 2.4 lbs. ground barley, 1.8 lbs. Ajax Flakes, and .6 lb. gluten; clover and blue grass pasture.

5610 Marie of Gerar 53661

Sire Irene's King of the May 18816 A. R.
Sire Imp. King of the May 9001 A. R.
Dam Irene Valentine 28947.
Dam Larkfield Fortunate 46860 A. R. 3606.
Sire Lucky Duck 13673.
Dam Larkfield Buttercup 46055.
Breeder Est. E. Gittings Merryman, Cockeysville, Md.
Owner H. W. Baldwin, Pennington, N. J.
Born Apr. 21, 1914. *Calved* Sept. 4, 1916.
Served Apr. 12, 1917.
Requirement for admission: 264.40 lbs. butter fat.
Supervised by New Jersey Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	8, 1916,	612.60	4.02	24.63
Oct.,	"	872.50	4.02	35. 7
Nov.,	"	861.00	4.54	39.09
Dec.,	"	848.60	4.94	41.92
Jan.,	1917,	797.00	4.91	39.13
Feb.,	"	700.90	5.23	36.66
Mar.,	"	778.80	5.42	42.21
Apr.,	"	822.80	5.19	42.70
May,	"	915.10	4.81	44.02
June,	"	830.30	4.68	38.86
July,	"	834.90	4.55	37.99
Aug.,	"	721.00	4.74	34.18
Sept.	7, "	150.70	4.74	7.14
Total		**9746.20**	**4.76 Av.**	**463.60**

Owner's Statement of Feed

Sept.—8 lbs. grain daily to the 24th of 4 lbs. bran and 4 lbs. of equal parts corn meal, hominy, ground oats, Ajax Flakes, Unicorn Dairy Ration, gluten, alfalfa meal, and oil meal; 10 lbs. beets, hay and pasture, then 8 lbs. of the mixture; 20 lbs. beets, hay.

Oct.—12 lbs. grain daily same mixture as last of September; 12 to 15 lbs. beets, 12 lbs. ensilage, alfalfa and pasture.

Nov.—10 to 12 lbs. grain daily to the 5th, then 12 lbs., of the following mixture: 100 lbs. each bran, corn meal, hominy, ground oats, Unicorn Dairy Ration, gluten, and oil meal, 140 lbs. Ajax Flakes, 50 lbs. cottonseed meal; 15 to 20 lbs. each beets and ensilage, alfalfa.

Dec.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, middlings, corn meal, hominy, ground oats, Unicorn Dairy Ration, gluten, cottonseed meal, and oil meal, 140 lbs. Ajax Flakes; 20 lbs. each beets and ensilage, 10 lbs. alfalfa.

Jan.—12 lbs. grain daily to the 27th of 10 lbs. same mixture as December with 2 lbs. corn meal added; 20 lbs. each beets and ensilage, 10 lbs. alfalfa.

Feb.—Same ration as given in January.

Mar.—Same grain ration as January; 20 lbs. each beets and ensilage, alfalfa.

Apr.—17 lbs. grain daily, 1 lb. Brewers' Grains, 4 lbs. molasses and alfalfa meal, and 12 lbs. of the following mixture: 100 lbs. each bran, hominy, ground oats, Ajax Flakes, gluten, alfalfa meal, cottonseed meal, and oil meal, 300 lbs. corn meal; 20 lbs. ensilage to the 12th then 6 lbs. beet pulp, 20 lbs. beets to the 28th, alfalfa.

May—Same grain ration as April; 6 lbs. beet pulp to the 25th then 4 lbs., alfalfa and pasture.

June—10 lbs. grain daily same mixture as April; 4 lbs. beet pulp and pasture.

July—9 lbs. grain daily same mixture as April; 4 lbs. beet pulp and pasture.

Aug.—Same ration as given in July.

Sept.—Same ration as given in July.

5611 Imp. San Toy's Star 47424

Sire San Toy of Pulias R. G. A. S. 2612 P. S., A. R.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Bess of Pulias R. G. A. S. 2421 F. S.
Dam Imp. The Conqueror's Star 44567 A. R. 3045.
Sire Imp. The Conqueror II. 15323 A. R.
Dam Imp. Bijou's Darling IV. 26623.
Breeder T. Mansell Simon, Island of Guernsey.
Owner Frank P. Frazier, Ipswich, Mass.
Born May 9, 1913. *Calved* Aug. 10, 1916.
Served Apr. 2, 1917.
Requirement for admission: 296.70 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class E

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	15, 1916,	478.30	4.41	21.09
Sept.,	"	948.00	4.41	41.81
Oct.,	"	783.70	4.26	33.39
Nov.,	"	873.90	4.78	41.77
Dec.,	"	891.50	4.80	42.79
Jan.,	1917,	880.40	5.14	45.25
Feb.,	"	759.00	4.91	37.27
Mar.,	"	873.90	5.18	45.27
Apr.,	"	833.50	4.68	39.01
May,	"	836.70	4.88	40.83
June,	"	685.10	5.07	34.73
July,	"	759.60	5.26	39.95
Aug.	14, "	347.00	5.33	18.50
Total		**9950.60**	**4.84 Av.**	**481.66**

Owner's Statement of Feed

Aug.—Equal parts bran and ground oats on the 15th, 15 lbs. grain of the following mixture on the 16th and 17th, 14 lbs. on the 18th, then 15 lbs.: 400 lbs. each bran and oil meal, 300 lbs. each ground oats, Brewers' Grains, and Dairy Feed, 200 lbs. gluten; 12 lbs. alfalfa.

Sept.—16 lbs. grain daily to the 4th same mixture as August, 15 lbs. from the 5th to the 8th, then 16 lbs., of the following mixture: 100 lbs. bran, 300 lbs. each corn meal and Ajax Flakes, 130 lbs. ground oats, 400 lbs. Unicorn Dairy Ration, 200 lbs. gluten; 12 lbs. alfalfa.

Oct.—15 lbs. grain daily of the following mixture: 100 lbs. bran, 300 lbs. each corn meal and Ajax Flakes, 400 lbs. each ground oats and Unicorn Dairy Ration, 200 lbs. gluten; mangels to the 25th then 30 lbs. ensilage, 12 lbs. rowen.

Nov.—15 lbs. grain daily of .89 lb. bran, 2.65 lbs. corn meal, 3.52 lbs. each ground oats and Unicorn Dairy Ration, 2.66 lbs. Ajax Flakes, and 1.76 lbs. gluten; 5 lbs. roots, 30 lbs. ensilage, 12 lbs. alfalfa.

Dec.—15.04 lbs. grain daily of .94 lb. each bran and oil meal, 2.82 lbs. each corn meal and Ajax Flakes, 1.88 lbs. each Schumacher Feed and gluten, and 3.76 lbs. Unicorn Dairy Ration; 1 pt. molasses from the 8th, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Jan.—14.943 lbs. grain daily of .833 lb. bran, 2.49 lbs. each corn meal and Ajax Flakes, 3.32 lbs. each ground oats and Unicorn Dairy Ration, 1.66 lbs. gluten, and .83 lb. oil meal; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

Feb.—Same grain ration as January; 1 qt. molasses, 30 lbs. ensilage, 12 lbs. alfalfa.

Mar.—15.77 lbs. grain daily same mixture as January with .83 lb. oil meal added; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Apr.—Same ration as given in March.

May—14.94 lbs. grain daily of .83 lb. each bran and oil meal, 2.49 lbs. each hominy and Ajax Flakes, 3.32 lbs. each ground oats and Tioga Feed, and 1.66 lbs. gluten; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

June—15 lbs. grain daily of the following mixture: 300 lbs. each hominy and Distillers' Grains, 400 lbs. each ground oats and Tioga Feed, 200 lbs. each gluten and oil meal; 1 qt. molasses, 5 lbs. beet pulp and 30 lbs. ensilage to the 20th then 15 lbs. beet pulp, green feed and pasture.

July—12 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and corn oil meal, 100 lbs. each corn meal, gluten, and oil meal, 300 lbs. Distillers' Grains; 1 qt. molasses, 15 lbs. beet pulp, green feed and pasture.

Aug.—Same grain ration as July; 1 qt. molasses, 15 lbs. beet pulp, 5 lbs. hay, green feed and pasture.

5612 Nocturne of Paxtang 40922

Sire Vale of Pencoyd 14713 A. R.
Sire Imp. Golden Secret of Lilyvale 10028 A. R.
Dam Misplace 7586 A. R. 465.
Dam Contralto of Paxtang 12915.
Sire Glenwood Boy of Haddon 4605 A. R.
Dam Francesca of Paxtang 8724.
Breeder I. S. Wilhelm, Harrisburg, Pa.
Owner F. W. Roebling, Trenton, N. J.
Sold Apr. 16, 1917 to Oaklands Farm Co., Trenton Junction, N. J.
Born Dec. 2, 1911. *Calved* Aug. 17, 1916.
Served June 15, 1917.
Requirement for admission: 349.80 lbs. butter fat.
Supervised by New Jersey Agricultural Experiment Station.

Official Year's Record, Class B

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	23, 1916,	290.10	4.19	12.16
Sept.,	"	1045.20	4.19	43.79
Oct.,	"	1120.10	4.61	51.64
Nov.,	"	1104.70	5.24	57.89
Dec.,	"	1045.90	5.30	55.43
Jan.,	1917,	1003.40	5.31	53.28
Feb.,	"	815.70	5.92	48.29
Mar.,	"	910.80	5.75	52.37
Apr.,	"	871.60	5.25	45.76
May,	"	863.70	5.26	45.43
June,	"	876.00	5.41	47.39
July,	"	820.60	5.56	45.63
Aug.	22, "	516.50	5.42	27.99
Total		**11284.30**	**5.20 Av.**	**587.05**

Owner's Statement of Feed

Aug.—8 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. oil meal; 10 lbs. each ensilage, green corn, green alfalfa, and alfalfa hay.

Sept.—Same ration as given in August.

Oct.—10.5 lbs. grain daily, 10 lbs. of the following mixture with .5 lb. corn meal added: 50 lbs. each bran, corn meal, and oil meal, 160 lbs. Ajax Flakes, 100 lbs. beet pulp; 2 lbs. beet pulp, 12 lbs. ensilage, 15 lbs. green alfalfa, 10 lbs. hay.

Nov.—11.5 lbs. grain daily, .5 lb. corn meal, 1 lb. Ajax Flakes, and 10 lbs. same mixture as October; 2 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. each green and dry alfalfa.

Dec.—12 lbs. grain daily, .5 lb. each corn meal and Ajax Flakes and 11 lbs. same mixture as October; 15 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. mixed hay.

Jan.—13 lbs. grain daily, 1 lb. each Ajax Flakes and oil meal and 11 lbs. same mixture as October; 4 lbs. beet pulp, 15 lbs. ensilage, hay.

Feb.—14 lbs. grain daily, 1 lb. each bran, Ajax Flakes, and oil meal and 11 lbs. same mixture as October; 4 lbs. beet pulp, 15 lbs. ensilage, hay.

Mar.—10 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, ground oats, cottonseed meal, and oil meal, 160 lbs. Ajax Flakes, 100 lbs. beet pulp; 2 lbs. beet pulp, 15 lbs. ensilage, alfalfa and mixed hay.

Apr.—12 lbs. grain daily, 1 lb. Ajax Flakes, .5 lb. each cottonseed meal and oil meal, and 10 lbs. same mixture as March; 2 lbs. beet pulp, 15 lbs. each ensilage, alfalfa, and mixed hay.

May—10 lbs. grain daily, 9 lbs. same mixture as March with 1 lb. cottonseed meal added; 15 lbs. green alfalfa, 10 lbs. mixed hay.

June—10 lbs. grain daily same mixture as March; 2 lbs. beet pulp, 15 lbs. green alfalfa, 5 lbs. mixed hay.

July—Same ration as given in June.

Aug.—9 lbs. grain daily same mixture as March; 2 lbs. beet pulp, 30 lbs. green corn, 5 lbs. mixed hay.

5613 Imp. Trewidden's Garnet of Elmview 47275

Sire Trewidden Favourite 2538 E. G. H. B.
Sire Godolphin Hero 2d 2137 E. G. H. B.
Dam Trewidden Buttercup 7913 E. G. H. B.
Dam Imp. Garnet 2d of Warren Wood 45899.
Sire Lake Rustic 1956 E. G. H. B.
Dam Garnet of Nurstead 6515 E. G. H. B.
Breeder John I. Smail, England.
Owner Benjamin H. Throop, Elmhurst, Pa.
Sold July 17, 1917 to Newcastle County Workhouse Farm, Marshallton, Del.
Born Aug. 26, 1913. *Calved* July 21, 1916.
Served Feb. 7, 1917.
Requirement for admission: 284.40 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class F

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	1, 1916,	623.10	3.95	24.61
Sept.,	"	625.30	4.62	28.89
Oct.,	"	587.60	5.09	29.91
Nov.,	"	589.20	4.61	27.16
Dec.,	"	620.10	5.40	33.49
Jan.,	1917,	627.50	5.23	32.82
Feb.,	"	555.00	5.83	32.36
Mar.,	"	605.90	5.79	35.08
Apr.,	"	589.50	5.69	33.54
May,	"	638.60	5.68	36.27
June,	"	494.30	5.62	27.78
July	31, "	523.10	5.55	29.03
	Total	**7079.20**	**5.24 Av.**	**370.94**

Owner's Statement of Feed

Aug.—7 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 20 lbs. mixed hay.

Sept.—7 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 200 lbs. hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 25 lbs. ensilage, 15 lbs. mixed hay.

Oct.—7 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 30 lbs. ensilage, 10 lbs. mixed hay.

Nov.—7 lbs. grain daily of the following mixture: 200 lbs. each bran and corn meal, 100 lbs. Dwight Hamlin's Dairy Feed, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 30 lbs. ensilage, 12 lbs. alfalfa.

Dec.—7 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and Dwight Hamlin's Dairy Feed, 50 lbs. each gluten, cottonseed meal, and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—7 lbs. grain daily of the following mixture: 300 lbs. each bran and hominy, 400 lbs. Hamlin's Dairy Feed, 200 lbs. gluten, 100 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Mar.—Same grain ration as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

Apr.—6 lbs. grain daily same mixture as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

May—Same ration as December with 1 lb. beet pulp added.

June—6 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each gluten, cottonseed meal, and oil meal; 4 lbs. beet pulp, 30 lbs. grass, 10 lbs. hay.

July—Same grain ration as June; 4 lbs. beet pulp, 20 lbs. mixed hay.

5614 Jewel's Princess of Elmview 51359

Sire Imp. Princess's Jewel 24877 A. R.
Sire Golden Jewel R. G. A. S. 1336 P. S.
Dam Imp. Princess Raglan 18887.
Dam Imp. Lily of the Caillioterie 44582.
Sire Sequel's Lad R. G. A. S. 2248 P. S., A. R.
Dam Ruby of the Caillioterie R. G. A. S. 3684 F. S.
Breeder Benjamin H. Throop, Elmhurst, Pa.
Owner Benjamin H. Throop, Elmhurst, Pa.
Born Mar. 5, 1914. *Calved* Aug. 4, 1916.
Served Feb. 9, 1917.
Requirement for admission: 266.20 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	10, 1916,	608.60	3.58	21.79
Sept.,	"	849.60	4.19	35.60
Oct.,	"	755.50	4.31	32.56
Nov.,	"	772.10	4.34	33.51
Dec.,	"	832.50	4.77	39.71
Jan.,	1917,	847.50	4.53	38.39
Feb.,	"	741.00	4.73	35.05
Mar.,	"	767.80	4.70	36.09
Apr.,	"	696.70	4.57	31.84
May,	"	719.30	4.67	33.59
June,	"	507.20	4.74	24.04
July,	"	564.70	4.81	27.16
Aug.	9, "	154.30	4.75	7.33
	Total	**8816.80**	**4.50 Av.**	**396.66**

Owner's Statement of Feed

Aug.—10 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 20 lbs. mixed hay.

Sept.—9.5 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 200 lbs. hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 25 lbs. ensilage, 15 lbs. mixed hay.

Oct.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 20 lbs. ensilage, 12 lbs. mixed hay.

Nov.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and corn meal, 100 lbs. Dwight Hamlin's Dairy Feed, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 30 lbs. ensilage, 12 lbs. alfalfa.

Dec.—9 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and Dwight Hamlin's Dairy Feed, 50 lbs. each gluten, cottonseed meal, and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Jan.—9.5 lbs. grain daily same mixture as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Feb.—9 lbs. grain daily of the following mixture: 300 lbs. each bran and hominy, 400 lbs. Dwight Hamlin's Dairy Feed, 200 lbs. gluten, 100 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Mar.—Same grain ration as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

Apr.—8 lbs. grain daily same mixture as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

May—Same grain ration as April; 4 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. hay.

June—7 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each gluten, cottonseed meal, and oil meal; 3 lbs. beet pulp, 30 lbs. grass, 10 lbs. mixed hay.

July—6.5 lbs. grain daily same mixture as June; 4 lbs. beet pulp, 20 lbs. mixed hay.

Aug.—Same ration as given in July.

5615 Fern of Rich Neck 54991

Sire Lavanton 11611 A. R.
Sire Imp. Merry Anton 8337 A. R.
Dam Lavesa R. 15064 A. R. 669.
Dam Peachwood 2d 22501 A. R. 668.
Sire Procris Count 11719.
Dam Peachwood 22499.
Breeder H. H. Pearson, Jr., Claiborne, Md.
Owner F. W. Roebling, Trenton, N. J.
Sold Apr. 16, 1917 to Oaklands Farm Co., Trenton Junction, N. J.
Born June 23, 1914. *Calved* Aug. 21, 1916.
Served Apr. 19, 1917.
Requirement for admission: 256.70 lbs. butter fat.
Supervised by New Jersey Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	25, 1916,	157.10	5.30	8.33
Sept.,	"	734.90	5.30	38.95
Oct.,	"	771.20	4.98	38.41
Nov.,	"	806.40	5.28	42.58
Dec.,	"	817.90	5.29	43.27
Jan.,	1917,	801.80	5.57	44.66
Feb.,	"	649.00	5.92	38.42
Mar.,	"	741.80	6.06	44.95
Apr.,	"	710.30	5.60	39.78
May,	"	762.60	5.25	40.04
June,	"	747.10	5.41	40.42
July,	"	718.10	5.57	40.00
Aug.	24, "	500.90	5.43	27.20
	Total	**8919.10**	**5.46 Av.**	**487.01**

Owner's Statement of Feed

Aug.—5 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. oil meal; 5 lbs. ensilage, 10 lbs. each green corn, green alfalfa, and alfalfa hay.

Sept.—Same ration as given in August.

Oct.—8.5 lbs. grain daily, 8 lbs. of the following mixture with .5 lb. corn meal added: 50 lbs. each bran, corn meal, and oil meal, 160 lbs. Ajax Flakes, 100 lbs. beet pulp; 2 lbs. beet pulp, 12 lbs. ensilage, 15 lbs. green alfalfa, 10 lbs. hay.

Nov.—10.5 lbs. grain daily, 10 lbs. same mixture as October with .5 lb. corn meal added; 2 lbs. beet pulp, 10 lbs. each ensilage, green alfalfa, and alfalfa hay.

Dec.—9.5 lbs. grain daily, 9 lbs. same mixture as October with .5 lb. corn meal added; 2 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. mixed hay.

Jan.—12 lbs. grain daily, 1 lb. each bran, Ajax Flakes, and oil meal and 9 lbs. same mixture as October; 4 lbs. beet pulp, 15 lbs. each ensilage, alfalfa, and mixed hay.

Feb.—Same ration as given in January.

Mar.—9 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, ground oats, cottonseed meal, and oil meal, 160 lbs. Ajax Flakes, 100 lbs. beet pulp; 2 lbs. beet pulp, 12 lbs. ensilage, alfalfa and mixed hay.

Apr.—10 lbs. grain daily, .5 lb. each Ajax Flakes and oil meal and 9 lbs. same mixture as March; 2 lbs. beet pulp, 10 lbs. each ensilage, alfalfa, and mixed hay.

May—8 lbs. grain daily same mixture as March; 2 lbs. beet pulp, 15 lbs. green alfalfa, 10 lbs. mixed hay.

June—Same grain ration as May; 2 lbs. beet pulp, 15 lbs. green alfalfa, 5 lbs. mixed hay.

July—Same ration as given in June.

Aug.—10 lbs. grain daily same mixture as March without beet pulp; 30 lbs. green corn, 5 lbs. mixed hay.

5616 Billy's Missie of Elmview 51360

Sire Imp. Billy's France of the Isle 21183 A. R.
Sire Imp. Billy's France 12476 A. R.
Dam Fascination II. R. G. A. S. 4665 P. S.
Dam Imp. Sequel's Proud Missie 34990.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Butter Maid of the Baissières R. G. A. S. 2698 F. S.
Breeder Benjamin H. Throop, Elmhurst, Pa.
Owner Benjamin H. Throop, Elmhurst, Pa.
Born Mar. 26, 1914. *Calved* Aug. 10, 1916.
Served Mar. 6, 1917.
Requirement for admission: 264.50 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	14, P. M., 1916,	458.10	3.52	16.13
Sept.,	"	797.70	4.10	32.71
Oct.,	"	754.80	4.30	32.46
Nov.,	"	761.20	4.40	33.49
Dec.,	"	771.70	5.08	39.20
Jan.,	1917,	758.40	4.87	36.93
Feb.,	"	651.30	4.95	32.24
Mar.,	"	709.00	4.86	34.46
Apr.,	"	675.40	5.27	35.59
May,	"	714.20	5.06	36.14
June,	"	539.20	5.94	32.03
July,	"	590.50	5.15	30.41
Aug.	14, M., "	245.10	5.25	12.87
	Total	**8426.60**	**4.80 Av.**	**404.66**

Owner's Statement of Feed

Aug.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 20 lbs. mixed hay.

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran and ground oats, 200 lbs. hominy, 75 lbs. gluten, 50 lbs. each oil meal and peanut meal; 25 lbs. ensilage, 15 lbs. mixed hay.

Oct.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 30 lbs. ensilage, 10 lbs. mixed hay.

Nov.—9 lbs. grain daily of the following mixture: 200 lbs. each bran and corn meal, 100 lbs. Dwight Hamlin's Dairy Feed, 50 lbs. each cottonseed meal, oil meal, and peanut meal; 30 lbs. ensilage, 12 lbs. alfalfa.

Dec.—8 lbs. grain daily of the following mixture: 200 lbs. each bran, hominy, and Dwight Hamlin's Dairy Feed, 50 lbs. each gluten, cottonseed meal, and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Jan.—Same ration as given in December.

Feb.—8 lbs. grain daily of the following mixture: 300 lbs. each bran and hominy, 400 lbs. Dwight Hamlin's Dairy Feed, 200 lbs. gluten, 100 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Mar.—7.5 lbs. grain daily same mixture as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

Apr.—Same grain ration as December; 3 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

May—Same grain ration as March; 4 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. hay.

June—6.5 lbs. grain daily of the following mixture: 200 lbs. each bran and hominy, 50 lbs. each gluten, cottonseed meal, and oil meal; 4 lbs. beet pulp, 30 lbs. grass, 10 lbs. hay.

July—Same grain ration as June; 4 lbs. beet pulp, 20 lbs. mixed hay.

Aug.—Same ration as given in July.

5617 Imp. Nellie of Courtil Ronchin 40390

Sire St. Paul R. G. A. S. 2382 P. S., A. R.
Sire Hero of the Forest R. G. A. S. 2053 P. S., A. R.
Dam Imp. May Rose Gem 36296.
Dam Nellie of the Grands Guilliaumes R. G. A. S. 7676 P. S.
Sire Imp. Lord Mar 14359 A. R.
Dam Pioneer Lady R. G. A. S. 6672 P. S.
Breeder A. Crocker, Island of Guernsey.
Owner John Cramer, Jr., Menomonie, Wis.
Born Oct. 25, 1911. *Calved* Aug. 1, 1916.
Served Dec. 27, 1916.
Requirement for admission: 352.40 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class B

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	11, 1916,	681.50	5.15	35.10
Sept.,	"	1045.20	5.15	53.83
Oct.,	"	961.70	5.57	53.57
Nov.,	"	837.20	6.23	52.16
Dec.,	"	845.70	6.10	51.59
Jan.,	1917,	756.60	6.04	45.70
Feb.,	"	637.10	6.19	39.44
Mar.,	"	681.40	5.92	40.34
Apr.,	"	643.90	6.03	38.83
May,	"	697.30	5.92	41.28
June,	"	668.90	5.95	39.80
July,	"	603.70	6.03	36.40
Aug.	10, "	163.30	6.03	9.85
Total		**9223.50**	**5.83 Av.**	**537.89**

Owner's Statement of Feed

Aug.—13.5 lbs. grain daily of 4.5 lbs. bran, 6 lbs. ground oats and barley, and 3 lbs. oil meal; 25 lbs. ensilage, alfalfa and pasture.

Sept.—Same grain ration as August; 25 lbs. ensilage, alfalfa and clover hay.

Oct.—13.5 lbs. grain daily of 3 lbs. bran, 6 lbs. ground oats and barley, and 2.25 lbs. each Ajax Flakes and oil meal; 30 lbs. ensilage, clover and timothy hay, and pasture.

Nov.—14 lbs. grain daily of 3 lbs. bran, 4.5 lbs. ground oats and barley, 4.25 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Dec.—13.75 lbs. grain daily of 3 lbs. bran, 4.5 lbs. ground oats and barley, 4 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—12 lbs. grain daily of 1.5 lbs. each bran and oil meal, 4.5 lbs. each ground (oats and barley) and Ajax Flakes; 30 lbs. ensilage, clover and timothy hay.

Mar.—Same ration as given in February.

Apr.—10.5 lbs. grain daily of 1.5 lbs. each bran and oil meal, 3 lbs. ground oats and barley, and 4.5 lbs. Ajax Flakes; 25 lbs. ensilage, clover and timothy hay.

May—Same ration as April with pasture after the 23d.

June—7.5 lbs. grain daily of 1.5 lbs. each bran and oil meal and 4.5 lbs. ground oats and barley; clover pasture.

July—6 lbs. grain daily of 1.5 lbs. each bran and oil meal and 3 lbs. ground oats and barley; 15 lbs. ensilage and pasture.

Aug.—Same ration as given in July.

5618 Fair Queen's Nugget 42909

Sire Margis Fernwood 14803.
Sire Golden Anne's Fernwood of Homestead 11916 A. R.
Dam Margis of Amy 17239.
Dam Fair Queen of Amy 22489.
Sire Dido's Aeneas 8675.
Dam Fairy's Queen 16640.
Breeder John Cramer, Menomonie, Wis.
Owner John Cramer, Jr., Menomonie, Wis.
Born Sept. 10, 1912. *Calved* Sept. 1, 1916.
Served Mar. 28, 1917.
Requirement for admission: 322.80 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class D

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept.	4, 1916,	1165.60	4.13	48.14
Oct.,	"	1327.20	4.51	59.86
Nov.,	"	1145.30	4.90	56.12
Dec.,	"	1123.80	4.97	55.85
Jan.,	1917,	1006.40	4.66	46.90
Feb.,	"	799.60	4.82	38.54
Mar.,	"	867.50	4.68	40.60
Apr.,	"	798.70	4.80	38.34
May,	"	828.20	4.64	38.43
June,	"	903.30	4.80	43.36
July,	"	860.30	4.64	39.92
Aug.,	"	805.00	4.91	39.53
Sept.	3, "	73.60	4.91	3.61
Total		**11704.50**	**4.69 Av.**	**549.20**

Owner's Statement of Feed

Sept.—15 lbs. grain daily of 4.5 lbs. bran, 7.5 lbs. ground oats and barley, and 3 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Oct.—15 lbs. grain daily of 3 lbs. bran, 7.5 lbs. ground oats and barley, and 2.25 lbs. each Ajax Flakes and oil meal; 28 lbs. ensilage, clover and timothy hay, pasture.

Nov.—14 lbs. grain daily of 3 lbs. bran, 4.5 lbs. ground oats and barley, 4.25 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Dec.—13.25 lbs. grain daily of 3 lbs. bran, 4.5 lbs. each ground (oats and barley) and Ajax Flakes, and 1.25 lbs. oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—12 lbs. grain daily of 1.5 lbs. each bran and oil meal, 5.25 lbs. ground oats and barley, and 3.75 lbs. Ajax Flakes; 30 lbs. ensilage, clover and timothy hay.

Mar.—Same ration as given in February.

Apr.—10.5 lbs. grain daily of 1.5 lbs. each bran and oil meal, 3.75 lbs. each ground (oats and barley) and Ajax Flakes; clover and timothy hay.

May—Same ration as given in April with pasture after the 23d.

June—9 lbs. grain daily of 2.25 lbs. each bran and oil meal and 4.5 lbs. ground oats and barley; clover pasture.

July—7.5 lbs. grain daily of 2.25 lbs. bran, 3.75 lbs. ground oats and barley, and 1.5 lbs. oil meal; 15 lbs. ensilage and pasture.

Aug.—Same ration as given in July.

Sept.—Same ration as given in July.

5619 Imp. Launy II. 40382

Sire Marais Hero R. G. A. S. 2287 P. S., A. R.
Sire Jim of Newgrove R. G. A. S. 1930 P. S., A. R.
Dam Ogier's Blanche R. G. A. S. 3328 F. S.
Dam Launy R. G. A. S. 4399 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Thomas Ogier, Island of Guernsey.
Owner John Cramer, Jr., Menomonie, Wis.
Born Aug. 14, 1911. *Calved* Sept. 27, 1916.
Served Mar. 4, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Oct.	1, 1916,	1507.00	4.72	71.13
Nov.,	"	1385.60	5.07	70.25
Dec.,	"	1264.60	5.64	71.32
Jan.,	1917,	1120.10	5.10	57.13
Feb.,	"	908.40	5.40	49.05
Mar.,	"	989.90	5.04	49.89
Apr.,	"	872.20	5.23	45.62
May,	"	885.70	5.49	48.62
June,	"	884.70	5.10	45.12
July,	"	788.80	4.97	39.20
Aug.,*	"	314.20	7.69	24.16
Sept.	30, "	Dry.		
Total		**10921.20**	**5.23 Av.**	**571.49**

*8 days dry.

Owner's Statement of Feed

Oct.—18 lbs. grain daily of 3.75 lbs. bran, 9 lbs. ground oats and barley, 3 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 28 lbs. ensilage, alfalfa and pasture.

Nov.—18 lbs. grain daily of 3 lbs. bran, 7.5 lbs. ground oats and barley, 5.25 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 30 lbs. ensilage, alfalfa and clover hay.

Dec.—15.75 lbs. grain daily of 3 lbs. bran, 6 lbs. ground oats and barley, 4.5 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 30 lbs. ensilage, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—13.5 lbs. grain daily of 1.5 lbs. bran, 4.5 lbs. ground oats and barley, 5.25 lbs. Ajax Flakes, and 2.25 lbs. oil meal; 30 lbs. ensilage, clover and timothy hay.

Mar.—Same ration as given in February.

Apr.—12 lbs. grain daily of 1.5 lbs. each bran and oil meal, 4.5 lbs. each ground (oats and barley) and Ajax Flakes; clover and timothy hay.

May—Same ration as April with pasture after the 23d.

June—9 lbs. grain daily of 2.25 lbs. each bran and oil meal and 4.5 lbs. ground oats and barley; clover pasture.

July—7.5 lbs. grain daily of 2.25 lbs. bran, 3.75 lbs. ground oats and barley, and 1.5 lbs. oil meal; 20 lbs. ensilage and pasture.

Aug.—Same ration as given in July.

Sept.—No record given.

5620 Goldie of Mound City 44810

Sire Ezalia's Glenwood Boy of Ingleside 13544 A. R.
Sire Glenwood Boy of Haddon 4605 A. R.
Dam Ezalia 2d 13029 A. R. 135.
Dam Lily's Golden Fawn G. 27452 A. R. 2824.
Sire Golden Anne's Fernwood of Homestead 11916 A. R.
Dam Lily's Golden Fawn 22488.
Breeder Charles A. Wilkins, Platteville, Wis.
Owner Charles A. Wilkins, Platteville, Wis.
Born Mar. 20, 1913. *Calved* Aug. 12, 1916.
Served Feb. 19, 1917.
Requirement for admission: 301.90 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	17, 1916,	452.00	4.26	19.26
Sept.,	"	899.90	4.26	38.34
Oct.,	"	898.80	4.86	43.68
Nov.,	"	789.40	4.72	37.26
Dec.,	"	757.10	4.60	34.83
Jan.,	1917,	737.10	4.61	33.98
Feb.,	"	580.70	4.96	28.80
Mar.,	"	618.60	4.72	29.20
Apr.,	"	567.50	5.03	28.55
May,	"	558.70	4.66	26.04
June,	"	419.10	5.30	22.21
July,	"	166.40	5.36	8.92
Aug.	16, "	Dry.		
Total		**7445.30**	**4.72 Av.**	**351.07**

Owner's Statement of Feed

Aug.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, and ground oats, 50 lbs. Ajax Flakes; 10 lbs. ensilage and pasture.

Sept.—10 lbs. grain daily of equal parts bran, hominy, ground oats, and Ajax Flakes; 20 lbs. ensilage, 5 lbs. alfalfa.

Oct.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, and Ajax Flakes, 60 lbs. oil meal; 6 lbs. each mangels and alfalfa, 25 lbs. ensilage, 4 lbs. clover hay.

Nov.—11 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, and Ajax Flakes, 50 lbs. oil meal; 5 lbs. each roots and alfalfa, 24 lbs. ensilage, 3 lbs. clover hay.

Dec.—10 lbs. grain daily same mixture as November; 15 lbs. ensilage, 6 lbs. alfalfa, 4 lbs. clover hay.

Jan.—9 lbs. grain daily same mixture as November; 20 lbs. ensilage, alfalfa and clover hay.

Feb.—8 lbs. grain daily of the following mixture: 150 lbs. bran, 75 lbs. Ajax Flakes, 200 lbs. Jersey Dairy Feed, 50 lbs. oil meal; 15 lbs. ensilage, alfalfa and clover hay.

Mar.—8 lbs. grain daily of the following mixture: 100 lbs. each bran, ground corn, and ground oats, 75 lbs. Ajax Flakes, 50 lbs. oil meal; 28 lbs. ensilage, alfalfa and mixed hay.

Apr.—Same grain ration as March; 20 lbs. ensilage, alfalfa and mixed hay.

May—7 lbs. grain daily same mixture as March; 25 lbs. ensilage, alfalfa and mixed hay.

June—5 lbs. grain daily of equal parts bran, ground corn, and ground oats; pasture.

July—4 lbs. grain daily same mixture as June; pasture.

Aug.—No record given.

5621 Dora A. of Seneca 36974

Sire Prince Royal of Spring Brook 13942 A. R.
Sire Sir Ford 3d 7363 A. R.
Dam Loretta of Spring Brook 20016.
Dam Beauty of Charlton 16626.
Sire Frolic of Ellerslie 4689.
Dam Susie S. 9205.
Breeder Charlton Industrial Farm School, Ballston Lake, N. Y.
Owner William DeMott, Madison, N. J.
Born May 1, 1911. *Calved* May 26, 1914.
Served Feb. 21, 1915.
Requirement for admission: 290.00 lbs. butter fat.
Supervised under one day test by New Jersey Agricultural Experiment Station.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
June	1, 1914,	848.40	5.11	43.35
July,	"	790.90	3.92	31.00
Aug.,	"	643.20	4.61	29.65
Sept.,	"	542.60	4.30	23.33
Oct.,	"	541.50	5.05	27.35
Nov.,	"	513.50	4.76	24.44
Dec.,	"	490.00	5.76	28.22
Jan.,	1915,	459.70	5.68	26.11
Feb.,	"	511.20	5.17	26.43
Mar.,	"	520.50	5.23	27.22
Apr.,	"	498.50	5.88	29.31
May	31, "	525.90	5.10	26.82
Total		**6885.90**	**4.98 Av.**	**343.23**

Owner's Statement of Feed

June—7.1 lbs. average amount grain daily of the following amounts: 40.8 lbs. bran, 64.2 lbs. gluten, 31.4 lbs. Quaker Dairy Feed, 53.9 lbs. Brewers' Grains, and from 22d to 30th 11.4 lbs. ground oats, 6.8 lbs. Distillers' Grains, 5.7 lbs. each hominy, cottonseed meal, and oil meal; 4.6 lbs. beet pulp, pasture with green oats and peas after 21st.

July—10 lbs. grain daily of the following mixture: 2 lbs. each bran, ground oats, and Distillers' Grains, 1 lb. each hominy, gluten, cottonseed meal, and oil meal; 6 lbs. beet pulp, pasture.

Aug.—7 lbs. grain daily of the following mixture: 1.4 lbs. each bran, ground oats, and Distillers' Grains, .7 lb. each hominy, gluten, cottonseed meal, and oil meal; 4 lbs. beet pulp, green corn from the 13th, hay and pasture.

Sept.—4.5 lbs. grain daily of the following mixture: .9 lb. each bran, ground oats, and Distillers' Grains, .45 lb. each hominy, gluten, cottonseed meal, and oil meal; 3 lbs. beet pulp, corn fodder to the 25th then ensilage, timothy hay.

Oct.—10 lbs. Union Grains daily; 40 lbs. ensilage, 15 lbs. alfalfa hay.

Nov.—8 lbs. Unicorn Dairy Ration daily; 40 lbs. ensilage, 15 lbs. alfalfa hay.

Dec.—5.75 lbs. grain daily of the following mixture: 2.25 lbs. each bran and corn meal, .75 lb. gluten, .5 lb. oil meal; 1.5 lbs. beet pulp, 40 lbs. ensilage, 15 lbs. alfalfa hay.

Jan.—8 lbs. grain daily to the 14th, then 10 lbs., of the following mixture: 200 lbs. each bran and cottonseed meal, 50 lbs. gluten, 25 lbs. oil meal, 90 lbs. beet pulp; 30 lbs. ensilage, mixed hay.

Feb.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, alfalfa meal, and beet pulp, 200 lbs. corn meal, 50 lbs. gluten feed, 25 lbs. oil meal; 30 lbs. ensilage, 10 lbs. timothy hay.

Mar.—11 lbs. Larro-Feed daily; 30 lbs. ensilage, 15 lbs. timothy hay.

Apr.—10 lbs. Larro-Feed daily; 15 lbs. alfalfa hay.

May—6 lbs. grain daily of a mixture of 1 part each (corn and cob) meal and Larro-Feed; 15 lbs. alfalfa hay.

5622 Evangeline Marshall 45769

Sire Prince Marshall 22468.
Sire Jack Marshall 12433.
Dam Monadnock's Queen Ovid 22815.
Dam Oliver's May Marshall 29144.
Sire Oliver Marshall 15551.
Dam Ruth Marshall 2d 28205.
Breeder D. L. Newman, East Wilton, Maine.
Owner Elliot-Brant Rancho, Owensmouth, Cal.
Born Jan. 12, 1913. *Calved* Feb. 23, 1916.
Served Sept. 29, 1916.
Requirement for admission: 291.70 lbs. butter fat.
Supervised by California Agricultural Experiment Station.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Mar.	1, 1916,	1036.50	4.43	45.92
Apr.,	"	971.80	4.25	41.30
May,	"	955.60	4.07	38.89
June,	"	801.30	5.39	43.19
July,	"	761.60	5.99	45.62
Aug.,	"	759.10	5.81	44.10
Sept.,	"	695.50	5.52	38.39
Oct.,	"	625.20	6.31	39.45
Nov.,	"	531.10	6.11	32.45
Dec.,	"	578.70	6.33	36.63
Jan.,	1917,	565.00	6.08	34.35
Feb.	28, "	471.30	6.08	28.66
Total		**8752.70**	**5.36 Av.**	**468.95**

Owner's Statement of Feed

Mar.—14.25 lbs. grain daily of 4.5 lbs. bran, 6 lbs. ground barley, 2 lbs. cottonseed meal, and 1.75 lbs. oil meal; 7.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Apr.—Same ration as given in March.

May—17.25 lbs. grain daily of 5 lbs. bran, 6 lbs. ground barley, 3 lbs. cottonseed meal, and 3.25 lbs. oil meal; 7.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

June—10 lbs. grain daily of 4 lbs. bran, 5 lbs. ground barley, and 1 lb. oil meal; 7 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

July—Same ration as given in June.

Aug.—11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 480 lbs. bran, 960 lbs. crushed barley, 250 lbs. cocoanut meal; 5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Sept.—7 lbs. grain daily of 2.5 lbs. each bran and ground barley and 1 lb. each cottonseed meal and oil meal; 6 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Oct.—10.5 lbs. grain daily of 4 lbs. bran, 4.5 lbs. ground barley, and 1 lb. each cottonseed meal and oil meal; 6 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Nov.—10.5 lbs. grain daily of 4.5 lbs. bran, 4 lbs. ground barley, and 1 lb. each cottonseed meal and oil meal; 4 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Dec.—9.5 lbs. grain daily of 4 lbs. bran, 3.5 lbs. ground barley, and 1 lb. each cottonseed meal and oil meal; .5 lb. molasses, 5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Jan.—8.5 lbs. grain daily of 3.5 lbs. each bran and ground barley and .75 lb. each cottonseed meal and oil meal; 5 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Feb.—7.5 lbs. grain daily of the following mixture: 80 lbs. bran, 120 lbs. ground barley, 14 lbs. each cottonseed meal and oil meal; 4 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

5623 Duenota 20629

Sire Imp. Lover Bold 8400 A. R.
Sire Hayes Prince 1205 E. G. H. B.
Dam Imp. Love Knot 14441.
Dam Duenna 13957.
Sire Count Fritts 4748 A. R.
Dam Sammy's Dora 9887 A. R. 408.
Breeder Est. W. S. Ladd, Portland, Oregon.
Owner W. B. Douglas, Ferndale, Wash.
Born Apr. 26, 1904. *Calved* Sept. 1, 1916.
Served May 11, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Washington Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept.	6, 1916,	798.00	4.84	38.62
Oct.,	"	931.80	5.76	53.67
Nov.,	"	740.60	5.60	41.47
Dec.,	"	663.70	6.58	43.67
Jan.,	1917,	651.60	6.09	39.68
Feb.,	"	492.90	6.14	30.26
Mar.,	"	518.10	5.21	26.99
Apr.,	"	521.50	5.95	31.03
May,	"	598.00	4.62	27.63
June,	"	516.00	5.48	28.28
July,	"	459.00	5.36	24.60
Aug.,	"	346.60	6.07	21.04
Sept.	5, "	50.20	6.07	3.05
Total		**7288.00**	**5.63 Av.**	**409.99**

Owner's Statement of Feed

Sept.—211 lbs. grain: 122 lbs. bran, 33 lbs. ground oats, 56 lbs. speltz; pasture.

Oct.—348 lbs. grain: 186 lbs. bran, 162 lbs. speltz; 36 lbs. beet pulp, 340 lbs. roots, and pasture.

Nov.—300 lbs. grain: 150 lbs. each bran and speltz; 90 lbs. beet pulp, 600 lbs. roots, kale and hay.

Dec.—310 lbs. grain: 155 lbs. each bran and speltz; 96 lbs. beet pulp, 600 lbs. roots, kale to the 18th, hay.

Jan.—Same grain ration as December; 155 lbs. beet pulp, hay.

Feb.—155.5 lbs. grain: 91 lbs. bran, 57 lbs. speltz, 7.5 lbs. oil meal; 51 lbs. beet pulp, hay.

Mar.—248 lbs. grain: 112 lbs. bran, 36 lbs. ground oats, 100 lbs. speltz; 124 lbs. beet pulp, hay.

Apr.—180 lbs. grain: 90 lbs. bran, 30 lbs. ground oats, 60 lbs. speltz; 40 lbs. beet pulp, hay to the 16th then pasture.

May—30 lbs. grain: 15 lbs. each bran and speltz; pasture.

June—64 lbs. grain: 32 lbs. each bran and ground oats; pasture.

July—124 lbs. grain: 62 lbs. each bran and ground oats; pasture.

Aug.—Same ration as given in July.

Sept.—20 lbs. grain: 10 lbs. each bran and ground oats; pasture.

5624 Leoparda of Lone Mound 28698

Sire Lord Yeksa of Lone Mound 10180 A. R.
Sire Lord Yeksa 6451 A. R.
Dam Rex Coraline 13901.
Dam Vlex Adrau 14244.
Sire Easton 4285.
Dam Mabel of Lake Home 6440.
Breeder W. Nicholls, Trempealeau, Wis.
Owner George W. Browne, Waukesha, Wis.
Born May 1, 1908. *Calved* May 20, 1916.
Served Jan. 8, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
May	25, 1916,	224.10	3.72	8.34
June,	"	990.60	3.72	36.85
July,	"	973.90	4.29	41.78
Aug.,	"	935.90	4.52	42.30
Sept.,	"	746.60	4.26	31.81
Oct.,	"	753.00	4.95	37.27
Nov.,	"	696.40	4.85	33.78
Dec.,	"	694.10	5.00	34.71
Jan.,	1917,	692.20	5.11	35.37
Feb.,	"	539.20	5.24	28.25
Mar.,	"	694.80	5.10	35.43
Apr.,	"	701.30	5.39	37.80
May	24, "	488.00	5.46	26.64
Total		**9130.10**	**4.71 Av.**	**430.33**

Owner's Statement of Feed

May—15 lbs. grain daily of the following mixture: 30 lbs. each bran, corn meal, and Schumacher Feed, 46 lbs. each Ajax Flakes and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, alfalfa.

June—16.5 lbs. grain daily same mixture as May; 25 lbs. ensilage, green and dry alfalfa.

July—16.5 lbs. grain daily of the following mixture: 30 lbs. bran, 50 lbs. each corn meal, hominy, Ajax Flakes, D. D. D. Grains, and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, green and dry alfalfa.

Aug.—16.5 lbs. grain daily of the following mixture: 30 lbs. each bran, hominy, and D. D. D. Grains, 46 lbs. each Ajax Flakes and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, alfalfa.

Sept.—13.5 lbs. grain daily same mixture as August; 25 lbs. ensilage, 8 green corn stalks, alfalfa.

Oct.—15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground corn, and ground oats, 125 lbs. each Ajax Flakes and oil meal, 300 lbs. Unicorn Dairy Ration; 10 lbs. roots, 25 lbs. ensilage, alfalfa and clover hay.

Nov.—15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and D. D. D. Grains, 150 lbs. each hominy and oil meal, 125 lbs. Ajax Flakes, 300 lbs. Unicorn Dairy Ration; 4.5 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Dec.—15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and oil meal, 150 lbs. hominy, 125 lbs. Ajax Flakes and D. D. D. Grains, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 4.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Jan.—Same grain ration as December with 50 lbs. cottonseed meal added to mixture; 4.5 lbs. beet pulp, 18 lbs. ensilage, alfalfa and clover hay.

Feb.—Same grain ration as January; 4.5 lbs. beet pulp, 18 lbs. ensilage, alfalfa and clover hay.

Mar.—15 lbs. grain daily of the following mixture: 125 lbs. each bran and Ajax Flakes, 150 lbs. each hominy and Schumacher Feed, 100 lbs. each D. D. D. Grains and oil meal, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 4.5 lbs. beet pulp, 12 lbs. ensilage, alfalfa and clover hay.

Apr.—Same ration as given in March.

May—9 lbs. grain daily of the following mixture: 125 lbs. bran, 150 lbs. each hominy and Schumacher Feed, 100 lbs. each D. D. D. Grains and oil meal, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 3 lbs. beet pulp, 12 lbs. ensilage, alfalfa and clover hay.

5625 Claudia Claire 37645

Sire Ambition's Hasson 15437.
Sire Ambition 11683 A. R.
Dam Imp. Dolly III. of the Baissière 18888 A. R. 2280.
Dam Esther Perkins 28094.
Sire Hylas 10183.
Dam Larella 17947 A. R. 2667.
Breeder E. W. Tillotson, Farmington, Conn.
Owner George W. Browne, Waukesha, Wis.
Born June 2, 1911. *Calved* July 2, 1916.
Served Dec. 18, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	6, 1916,	834.80	4.72	39.40
Aug.,	"	1050.40	4.68	49.16
Sept.,	"	974.80	4.77	46.50
Oct.,	"	967.30	5.39	52.14
Nov.,	"	903.90	5.46	49.35
Dec.,	"	899.00	5.69	51.15
Jan.,	1917,	882.40	5.75	50.74
Feb.,	"	767.70	5.86	44.99
Mar.,	"	870.70	5.66	49.28
Apr.,	"	803.90	6.11	49.12
May,	"	820.90	6.02	49.42
June,	"	727.10	5.72	41.59
July 5,	"	127.10	5.72	7.27
Total		**10630.00**	**5.46 Av.**	**580.11**

Owner's Statement of Feed

July—15 lbs. grain daily of the following mixture: 30 lbs. bran, 50 lbs. each corn meal, hominy, Ajax Flakes, D. D. D. Grains, and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, green and dry alfalfa.

Aug.—13.5 lbs. grain daily of the following mixture: 30 lbs. each bran, hominy, and D. D. D. Grains, 46 lbs. each Ajax Flakes and oil meal, 100 lbs. Unicorn Dairy Ration; 25 lbs. ensilage, alfalfa.

Sept.—15 lbs. grain daily same mixture as August; 25 lbs. ensilage, 8 green corn stalks, alfalfa.

Oct.—15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground corn, and ground oats, 125 lbs. each Ajax Flakes and oil meal, 300 lbs. Unicorn Dairy Ration; 10 lbs. roots, 25 lbs. ensilage, alfalfa and clover hay.

Nov.—15 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and D. D. D. Grains, 150 lbs. each hominy and oil meal, 125 lbs. Ajax Flakes, 300 lbs. Unicorn Dairy Ration; 4.5 lbs. beet pulp, 30 lbs. ensilage, alfalfa.

Dec.—13.5 lbs. grain daily of the following mixture: 100 lbs. each bran, ground oats, and oil meal, 150 lbs. hominy, 125 lbs. each Ajax Flakes and D. D. D. Grains, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 4.5 lbs. beet pulp, 25 lbs. ensilage, alfalfa.

Jan.—15 lbs. grain daily same mixture as December with 50 lbs. cottonseed meal added; 4.5 lbs. beet pulp, 15 lbs. ensilage, alfalfa and clover hay.

Feb.—12 lbs. grain daily same mixture as January; 4.5 lbs. beet pulp, 21 lbs. ensilage, alfalfa and clover hay.

Mar.—10.5 lbs. grain daily of the following mixture: 100 lbs. each bran, D. D. D. Grains, and oil meal, 150 lbs. each hominy and Schumacher Feed, 125 lbs. Ajax Flakes, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; alfalfa and clover hay.

Apr.—Same ration as given in March.

May—10.5 lbs. grain daily of the following mixture: 125 lbs. bran, 100 lbs. each hominy, D. D. D. Grains, and oil meal, 150 lbs. Schumacher Feed, 200 lbs. Unicorn Dairy Ration, 50 lbs. cottonseed meal; 4.5 lbs. beet pulp, 9 lbs. ensilage, alfalfa and clover hay.

June—15 lbs. grain daily same mixture as May; 2 lbs. beet pulp, 12 lbs. ensilage, alfalfa and clover hay.

July—Same ration as given in June.

5626 Brookmead's Maya 52086

Sire Langwater Stars and Stripes 21872.
Sire Imp. King of the May 9001 A. R.
Dam Dolly Dimple 19144 A. R. 628.
Dam Primrose Maya 32506 A. R. 2482.
Sire Glenwood's Main Stay 22d 11133 A. R.
Dam Primrose Hattie 29441.
Breeder Frank Graham Thomson, Devon, Pa.
Owner Frank Graham Thomson, Devon, Pa.
Born Mar. 26, 1914. *Calved* June 20, 1916.
Requirement for admission: 260.40 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	4, 1916,	810.20	4.71	38.16
Aug.,	"	970.50	4.26	41.34
Sept.,	"	915.40	4.06	37.17
Oct.,	"	877.00	4.08	35.78
Nov.,	"	783.70	4.54	35.58
Dec.,	"	798.20	4.70	37.52
Jan.,	1917,	766.80	5.28	40.49
Feb.,	"	674.40	4.75	32.03
Mar.,	"	717.10	5.08	36.43
Apr.,	"	644.20	5.22	33.63
May,	"	771.70	4.89	37.74
June,	"	749.30	5.01	37.54
July 3,	"	76.10	5.01	3.81
Total		**9554.60**	**4.68 Av.**	**447.22**

Owner's Statement of Feed

July—14 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 250 lbs. corn and cob meal, 150 lbs. Ajax Flakes, 200 lbs. gluten; green alfalfa and pasture.

Aug.—15 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each (corn and cob) meal and gluten, 150 lbs. each Ajax Flakes and cottonseed meal, 50 lbs. oil meal; green alfalfa and pasture.

Sept.—14 lbs. grain daily of 3 lbs. each bran and cottonseed meal, 2 lbs. each corn meal and oil meal, and 4 lbs. Schumacher Feed; 30 lbs. each roots and ensilage, hay and pasture.

Oct.—14 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, and cottonseed meal, 1 lb. each corn meal, Ajax Flakes, and gluten, and 2 lbs. oil meal; 20 lbs. roots, 25 lbs. ensilage, 12 lbs. alfalfa.

Nov.—15 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, and cottonseed meal, 1 lb. each corn meal and gluten, 2 lbs. each Ajax Flakes and oil meal; 25 lbs. each roots and ensilage, 10 lbs. alfalfa.

Dec.—15 lbs. grain daily of 3 lbs. each bran and Schumacher Feed, 1 lb. each corn meal, gluten, and Ajax Flakes, 4 lbs. cottonseed meal, and 2 lbs. oil meal; 20 lbs. roots, 30 lbs. ensilage, 10 lbs. alfalfa.

Jan.—15 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, cottonseed meal, and oil meal, 1 lb. each corn meal, Ajax Flakes, and gluten; 20 lbs. roots, 30 lbs. ensilage, 10 lbs. alfalfa.

Feb.—15 lbs. grain daily of 3 lbs. each bran, corn meal, Schumacher Feed, and cottonseed meal, 1 lb. Ajax Flakes, and 2 lbs. oil meal; 5 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—15 lbs. grain daily of 3 lbs. each bran and cottonseed meal, 2 lbs. each corn meal and oil meal, 1 lb. Ajax Flakes, 4 lbs. Schumacher Feed; 4 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa.

Apr.—15 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and Schumacher Feed, 2 lbs. each corn meal, cottonseed meal, and oil meal; 3 lbs. beet pulp, 20 lbs. ensilage, 8 lbs. alfalfa.

May—15 lbs. grain daily of 3 lbs. each bran, Ajax Flakes, and Schumacher Feed, 2 lbs. each gluten, cottonseed meal, and oil meal; green alfalfa.

June—15 lbs. grain daily of 3 lbs. each bran, Schumacher Feed, and oil meal, 2 lbs. each corn meal, Ajax Flakes, and cottonseed meal; 3 lbs. beet pulp, 5 lbs. ensilage, green alfalfa and pasture.

July—Same ration as given in June.

5627 Fancy of Overland View 37246

Sire Waddington Sunrise 16815 A. R.
Sire Marshall of France 9051 A. R.
Dam Ona of Haddon 18185 A. R. 338.
Dam Imp. Fanny of Waddington 30741 A. R. 5213.
Sire Imp. Fanny's Sequel 19563 A. R.
Dam Imp. Moss Rose II. of the Barras 28523 A. R. 1574.
Breeder W. S. McBane, East Liverpool, Ohio.
Owner W. S. McBane, East Liverpool, Ohio.
Born Aug. 11, 1911. *Calved* June 30, 1916.
Served Dec. 3, 1916.
Requirement for admission: 355.80 lbs. butter fat.
Supervised under one day test by Ohio State University, Columbus, Ohio.

Official Year's Record, Class B

		Milk lbs.	Butter Fat %	Butter Fat lbs.
July	1, 1916,	1123.60	3.75	42.14
Aug.,	"	1077.50	4.50	48.49
Sept.,	"	860.50	5.07	43.63
Oct.,	"	722.50	4.81	34.75
Nov.,	"	649.80	5.29	34.37
Dec.,	"	570.10	5.70	32.50
Jan.,	1917,	556.60	4.85	27.00
Feb.,	"	462.70	5.27	24.38
Mar.,	"	522.00	4.70	24.53
Apr.,	"	497.30	4.36	21.68
May,	"	471.40	6.00	28.28
June 30,	"	330.20	4.79	15.82
Total		**7844.20**	**4.81 Av.**	**377.57**

Owner's Statement of Feed

July—310 lbs. grain: 298 lbs. Larro-Feed, 12 lbs. Unicorn Dairy Ration; hay and pasture.

Aug.—335 lbs. grain: 100 lbs. bran, 12.5 lbs. middlings, 97.5 lbs. Larro-Feed, 75 lbs. gluten, 25 lbs. each cottonseed meal and oil meal; 12.5 lbs. beet pulp, 15.5 lbs. hay, pasture.

Sept.—330 lbs. grain: 105 lbs. each bran and gluten, 30 lbs. each middlings, cottonseed meal, and oil meal, 15 lbs. each corn meal and ground oats; 15 lbs. hay and pasture.

Oct.—403 lbs. grain: 161.2 lbs. each bran and gluten, 40.3 lbs. each cottonseed meal and oil meal; 120 lbs. ensilage, 62 lbs. alfalfa, 124 lbs. hay.

Nov.—390 lbs. grain: 135 lbs. each bran and gluten, 9 lbs. each corn meal and ground rye, 24 lbs. ground oats, 39 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, 60 lbs. alfalfa, 120 lbs. hay.

Dec.—403 lbs. grain: 201.5 lbs. bran, 120.9 lbs. Unicorn Dairy Ration, 80.6 lbs. cottonseed meal; 620 lbs. ensilage, 124 lbs. alfalfa, 186 lbs. hay.

Jan.—403 lbs. grain: 161.2 lbs. bran, 80.6 lbs. each Unicorn Dairy Ration, gluten, and oil meal; 620 lbs. ensilage, 62 lbs. alfalfa, 248 lbs. hay.

Feb.—364 lbs. grain: 36.4 lbs. each bran, Unicorn Dairy Ration, gluten, and cottonseed meal, 218.4 lbs. Union Grains; 560 lbs. ensilage, 280 lbs. hay.

Mar.—403 lbs. Unicorn Dairy Ration; 620 lbs. ensilage, 310 lbs. hay.

Apr.—360 lbs. grain: 60 lbs. each bran, hominy meal, ground oats, Unicorn Dairy Ration, gluten, and oil meal; 600 lbs. ensilage, 300 lbs. hay.

May—310 lbs. grain: 155 lbs. ground oats, 77.5 lbs. each cottonseed meal and oil meal; 300 lbs. ensilage, 155 lbs. hay, pasture.

June—300 lbs. grain: 60 lbs. each bran, cottonseed meal, and oil meal, 120 lbs. ground oats; 15 lbs. hay, pasture.

5628 La Fleur Quince du Jardin of Wawa 54163

Sire Imp. Dan Patch of the Isle 21293.
Sire Imp. Raymond's Pourquoi Pas 17653 A. R.
Dam Imp. La Fleur du Jardin XIII. 36189.
Dam France's Quince Blossom of Wawa 43949 A. R. 2764.
Sire Imp. France's Jewel V. 11396 A. R.
Dam Quince of Guernsey Hill 16425.
Breeder George Wood, Wawa, Pa.
Owner George Wood, Wawa, Pa.
Born Apr. 28, 1914. *Calved* Aug. 23, 1916.
Served Dec. 8, 1916.
Requirement for admission: 263.00 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept.	1, 1916,	701.40	3.61	25.32
Oct.,	"	685.80	3.70	25.37
Nov.,	"	547.30	4.18	22.88
Dec.,	"	498.50	4.44	22.13
Jan.,	1917,	495.30	4.25	21.05
Feb.,	"	456.00	4.78	21.80
Mar.,	"	504.80	4.39	22.16
Apr.,	"	507.10	4.31	21.86
May,	"	563.30	4.88	27.49
June,	"	526.70	5.03	26.49
July,	"	474.60	5.07	24.06
Aug. 31,	"	388.40	5.15	20.00
Total		**6349.20**	**4.42 Av.**	**280.61**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of 2 parts each bran and hominy and .5 part each gluten and cottonseed meal; 6 lbs. beet pulp, 12 lbs. alfalfa.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 25 lbs. ensilage, 11 lbs. hay.

Nov.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Dec.—6 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Jan.—6 lbs. grain daily of 2 parts each bran and cob meal and 1 part cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

Feb.—6 lbs. grain daily of 2 parts each bran and corn meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—Same grain ration as February; 2 lbs. beet pulp, 10 lbs. alfalfa.

Apr.—6 lbs. grain daily of equal parts bran, corn meal, and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. mixed hay.

May—6 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

June—Same ration as given in May.

July—4.5 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Aug.—Same ration as given in July.

5629 Imp. Jewel of Indian Bridge 47356

Sire France's Jewel XVI. R. G. A. S. 2888 P. S.
Sire Imp. Billy's France of the Isle 21183 A. R.
Dam France XIX. R. G. A. S. 5742 P. S.
Dam Imp. Primrose Leaf 44583.
Sire Imp. Raymond's Pourquoi Pas 17653 A. R.
Dam Primrose of Les Câches R. G. A. S. 4233 F. S.
Breeder T. Mansell Simon, Island of Guernsey.
Owner Edmund H. Sears, Wayland, Mass.
Born June 14, 1913. *Calved* Aug. 27, 1916.
Served Mar. 7, 1917.
Requirement for admission: 294.80 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class E

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 1, 1916,	900.20	4.77	42.94
Oct., "	930.60	4.77	44.39
Nov., "	826.10	5.00	41.31
Dec., "	802.60	4.62	37.08
Jan., 1917,	841.60	5.27	44.35
Feb., "	764.10	5.02	38.36
Mar., "	813.80	4.83	39.31
Apr., "	826.30	5.13	42.39
May, "	828.40	4.68	38.77
June, "	797.60	4.96	39.56
July, "	788.30	5.13	40.44
Aug. 31, "	760.70	5.21	39.63
Total	**9880.30**	**4.94 Av.**	**488.53**

Owner's Statement of Feed

Sept.—11 lbs. grain daily of the following mixture: 200 lbs. each bran and oil meal, 100 lbs. each hominy, gluten, and cottonseed meal, 300 lbs. Ajax Flakes, 400 lbs. Unicorn Dairy Ration; 7.5 lbs. beet pulp, hay.

Oct.—10.5 lbs. grain daily same mixture as September; 8 lbs. beet pulp, hay.

Nov.—10 lbs. grain daily same mixture as September; 6 lbs. beet pulp, hay.

Dec.—11 lbs. grain daily of 1 lb. each bran, hominy, and oil meal, 2 lbs. each Ajax Flakes and gluten, and 4 lbs. Unicorn Dairy Ration; 4 lbs. beet pulp, ensilage and alfalfa.

Jan.—10 lbs. grain daily of the following mixture: 100 lbs. each bran and gluten meal, 200 lbs. each hominy, ground oats, and oil meal, 300 lbs. each Ajax Flakes and Unicorn Dairy Ration; 4 lbs. beet pulp, ensilage and alfalfa.

Feb.—11 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Blue Ribbon Dairy Feed, Schumacher Feed, Unicorn Dairy Ration, gluten, and cottonseed meal, 200 lbs. each ground oats and oil meal, 400 lbs. Ajax Flakes; 6 lbs. beet pulp, ensilage and alfalfa.

Mar.—10 lbs. grain daily of the following mixture: 300 lbs. each bran and Ajax Flakes, 200 lbs. each crushed oats and Unicorn Dairy Ration, 100 lbs. each gluten, cottonseed meal, and oil meal; 12 lbs. beet pulp, 1 bu. ensilage, alfalfa and hay.

Apr.—10 lbs. grain daily of the following mixture: 300 lbs. bran, 200 lbs. crushed oats, 500 lbs. each Ajax Flakes and Union Grains, 100 lbs. each gluten, cottonseed meal, and oil meal; 12 lbs. beet pulp, 1 bu. ensilage, alfalfa.

May—15 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each ground oats, gluten, cottonseed meal, and beet pulp, 50 lbs. oil meal; 14 lbs. beet pulp, ensilage and hay.

June—12.75 lbs. grain daily of the following mixture: 200 lbs. bran, 128 lbs. ground oats, 100 lbs. each gluten, cottonseed meal, oil meal, and beet pulp; 9 lbs. beet pulp, ensilage and hay.

July—12 lbs. grain daily of the following mixture: 350 lbs. bran, 65 lbs. corn meal, 100 lbs. each Schumacher Feed, gluten, cottonseed meal, oil meal, and beet pulp; 9 lbs. beet pulp, ensilage and hay.

Aug.—12 lbs. grain daily of the following mixture: 400 lbs. bran, 100 lbs. each corn meal, Schumacher Feed, gluten, cottonseed meal, and beet pulp; 4 lbs. beet pulp, 30 lbs. ensilage, 20 lbs. hay.

5630 Imp. Alien of Sarnia 50480

Sire Nelson II. R. A. A. S. 52 P. S., A. R.
Sire Freedom R. A. A. S. 58 F. S., A. R.
Dam Judy R. A. A. S. 416 F. S.
Dam Gold Vein R. A. A. S. 354 F. S.
Sire On Alderney.
Dam On Alderney.
Breeder N. Simon, Island of Alderney.
Owner Philip M. Overbeck, Sturgeon Bay, Wis.
Born June 23, 1910. *Calved* Aug. 14, 1916.
Served May 9, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Aug. 23, 1916,	283.90	4.47	12.69
Sept., "	959.50	4.45	42.70
Oct., "	904.60	4.84	43.78
Nov., "	817.80	5.43	44.41
Dec., "	820.60	5.45	44.72
Jan., 1917,	815.30	5.22	42.56
Feb., "	708.30	5.34	37.82
Mar., "	837.20	5.35	44.79
Apr., "	783.30	5.13	40.18
May, "	775.20	5.06	39.23
June, "	725.80	5.29	38.39
July, "	726.70	5.14	37.35
Aug. 22, "	498.80	5.23	26.09
Total	**9657.00**	**5.12 Av.**	**494.71**

Owner's Statement of Feed

Aug.—105.48 lbs. grain: 30.87 lbs. each bran, corn meal, and Badger Dairy Feed, 12.87 lbs. oil meal; 72 lbs. green corn fodder, 108 lbs. clover hay.

Sept.—357 lbs. grain: 102 lbs. bran, 10.2 lbs. each corn meal and Badger Dairy Feed, 91.8 lbs. each Krause Dairy Feed and Krause Stock Feed, 51 lbs. oil meal; 570 lbs. ensilage, 186 lbs. green corn fodder, 360 lbs. mixed clover hay.

Oct.—368.9 lbs. grain: 105.4 lbs. each bran, Krause Stock Feed, and Krause Dairy Feed, 52.7 lbs. oil meal; 930 lbs. ensilage, 372 lbs. clover hay.

Nov.—357 lbs. grain: 102 lbs. each bran, Krause Dairy Feed, and Krause Stock Feed, 51 lbs. oil meal; 900 lbs. ensilage, 360 lbs. mixed hay.

Dec.—Same ration as given in October.

Jan.—260.1 lbs. grain: 105.4 lbs. each Krause Dairy Feed and Krause Stock Feed, 49.3 lbs. oil meal; 186 lbs. beet pulp, 930 lbs. ensilage, 372 lbs. mixed hay.

Feb.—238 lbs. grain: 95.2 lbs. each Krause Dairy Feed and Krause Stock Feed, 47.6 lbs. oil meal; 168 lbs. beet pulp, 672 lbs. ensilage, 336 lbs. hay.

Mar.—263.5 lbs. grain: 105.4 lbs. each Krause Dairy Feed and Krause Stock Feed, 52.7 lbs. oil meal; 186 lbs. beet pulp, 744 lbs. ensilage, 372 lbs. hay.

Apr.—230 lbs. grain: 113 lbs. Krause Dairy Feed, 68 lbs. Krause Stock Feed, and 49 lbs. oil meal; 180 lbs. beet pulp, 720 lbs. ensilage, 360 lbs. hay.

May—186 lbs. grain: 139.5 lbs. Krause Dairy Feed and 46.5 lbs. oil meal; 744 lbs. ensilage, 372 lbs. hay.

June—180 lbs. grain: 120 lbs. bran, 60 lbs. oil meal; 720 lbs. ensilage, 360 lbs. hay.

July—186 lbs. grain: 124 lbs. bran, 62 lbs. oil meal; 155 lbs. beet pulp, 465 lbs. each ensilage and hay.

Aug.—132 lbs. grain: 88 lbs. bran, 44 lbs. oil meal; 110 lbs. beet pulp, 440 lbs. hay.

5631 Lady Sequel of Wawa 50504

Sire Elberon's Sequel of Wawa 27753.
Sire Imp. France's Jewel V. 11396 A. R.
Dam Elberon's Daughter of Haddon 18299 A. R. 566.
Dam Freesia Delmar of Wawa 44862 A. R. 5508.
Sire Imp. My First Hero 13896 A. R.
Dam Lady Delmar of Wawa 24481.
Breeder George Wood, Wawa, Pa.
Owner George Wood, Wawa, Pa.
Born Feb. 14, 1914. *Calved* Aug. 8, 1916.
Served Apr. 13, 1917.
Requirement for admission: 268.70 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Aug. 16, 1916,	336.20	3.60	12.10
Sept., "	666.10	4.33	28.84
Oct., "	618.60	5.12	31.67
Nov., "	582.10	5.53	32.19
Dec., "	561.80	5.51	30.96
Jan., 1917,	518.20	5.62	29.12
Feb., "	466.10	5.81	27.08
Mar., "	531.40	5.64	29.97
Apr., "	548.40	5.48	30.05
May, "	595.30	5.96	35.48
June, "	551.50	5.88	32.43
July, "	534.30	5.85	31.26
Aug. 15, "	253.40	5.35	13.56
Total	**6763.40**	**5.39 Av.**	**364.71**

Owner's Statement of Feed

Aug.—6 lbs. grain daily of 2 parts each bran and hominy and 1 part cottonseed meal; 6 lbs. beet pulp, 10 lbs. hay.

Sept.—6 lbs. grain daily of 2 parts each bran and hominy, .5 part each gluten and cottonseed meal; 6 lbs. beet pulp, 12 lbs. alfalfa.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 25 lbs. ensilage, 11 lbs. hay.

Nov.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Dec.—6 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Jan.—6 lbs. grain daily of 2 parts each bran and cob meal and 1 part cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

Feb.—6 lbs. grain daily of 2 parts each bran and corn meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—7.5 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 10 lbs. alfalfa.

Apr.—6 lbs. grain daily of equal parts bran, corn meal, and cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. mixed hay.

May—Same grain ration as March; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. mixed hay.

June—Same ration as given in May.

July—6 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 10 lbs. each ensilage and hay.

Aug.—Same ration as given in July.

5632 Imp. Donnington Girlie 4th 59875

Sire Ladock Coronation 2471 E. G. H. B.
Sire Cotehele Duke 2009 E. G. H. B.
Dam Ladock Lily 6940 E. G. H. B., Lily of the Préel X. R. G. A. S. 4798 P. S.
Dam Donnington Girlie 2d 8443 E. G. H. B.
Sire Donnington Roland 3d 1923 E. G. H. B.
Dam Donnington Girlie 6851 E. G. H. B.
Breeder Arthur C. Harris, England.
Owner W. W. Knight, Perrysburg, Ohio.
Born Dec. 20, 1913. *Calved* July 10, 1916.
Served Dec. 10, 1916.
Requirement for admission: 271.10 lbs. butter fat.
Supervised by Ohio State University, Columbus, Ohio.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
July 15, 1916,	451.60	4.33	19.55
Aug., "	942.80	4.33	40.82
Sept., "	894.30	4.32	38.63
Oct., "	840.10	4.46	37.47
Nov., "	806.90	4.98	40.18
Dec., "	779.60	5.22	40.70
Jan., 1917,	707.70	5.29	37.44
Feb., "	589.10	5.31	31.28
Mar., "	665.40	5.18	34.47
Apr., "	638.50	5.43	34.67
May, "	448.70	5.55	24.90
June, "	460.50	6.08	28.00
July 14, "	175.20	6.62	11.60
Total	**8400.40**	**5.00 Av.**	**419.71**

Owner's Statement of Feed

July—10 lbs. grain daily of the following mixture: 200 lbs. each corn meal and ground oats, 125 lbs. Ajax Flakes, 100 lbs. cottonseed meal; 25 lbs. ensilage, 8 lbs. mixed hay.

Aug.—12 lbs. grain daily of the following mixture: 200 lbs. corn meal, 300 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. cottonseed meal; 20 lbs. ensilage, 10 lbs. green corn, 8 lbs. alfalfa.

Sept.—12 lbs. grain daily of the following mixture: 100 lbs. each corn meal and cottonseed meal, 200 lbs. crushed oats, 125 lbs. Ajax Flakes; 20 lbs. green corn, 8 lbs. alfalfa.

Oct.—10 lbs. grain daily of the following mixture: 100 lbs. each corn meal, ground oats, and cottonseed meal, 125 lbs. Ajax Flakes; 20 lbs. pumpkins, 12 lbs. alfalfa.

Nov.—16 lbs. grain daily of the following mixture: 200 lbs. corn meal, 300 lbs. Distillers' Grains, 100 lbs. each cottonseed meal and oil meal; 10 lbs. pumpkins, 15 lbs. ensilage, 7 to 8 lbs. hay.

Dec.—12 lbs. grain daily of the following mixture: 100 lbs. corn meal, 160 lbs. buckwheat feed, 250 lbs. ground oats, 150 lbs. Empire Feed, 25 lbs. oil meal; 15 lbs. roots, 25 lbs. ensilage, 10 lbs. hay.

Jan.—13 lbs. grain daily, 12 lbs. same mixture as December with 1 lb. oil meal added; 25 lbs. roots, 20 lbs. ensilage, 10 lbs. hay.

Feb.—11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each corn meal and Empire Feed, 200 lbs. ground oats, 50 lbs. each cottonseed meal and oil meal; 30 lbs. ensilage, 10 lbs. hay.

Mar.—13 lbs. grain daily, 12 lbs. of the following mixture with 1 lb. oil meal added: 100 lbs. each corn meal, ground oats, Unicorn Dairy Ration, and cottonseed meal, 200 lbs. Empire Feed; 35 lbs. ensilage, 10 lbs. hay.

Apr.—12 lbs. grain daily of the following mixture: 100 lbs. each corn meal, cottonseed meal, and oil meal, 200 lbs. each ground oats and Empire Feed; 30 lbs. ensilage, 8 lbs. hay.

May—10 lbs. grain daily same mixture as April; 30 lbs. ensilage, 8 lbs. hay.

June—6 lbs. grain daily same mixture as April; pasture.

July—Same grain ration as June; green oats and peas, pasture.

5633 Blanche of Bayside 44383

Sire Brutus of Bayside 13525 A. R.
Sire Strenuous 8216 A. R.
Dam Hazel of the Glen 18386 A. R. 1120.
Dam Imp. Belle of the Vrangue 27541 A. R. 2652.
Sire Starlight R. G. A. S. 1469 P. S., A. R.
Dam Belle of the Friquet R. G. A. S. 3076 F. S.
Breeder Henry C. Everett, Barnstable, Mass.
Owner E. E. Hills, Shrewsbury, Mass.
Born Jan. 16, 1913. *Calved* June 9, 1916.
Served Nov. 1, 1916.
Requirement for admission: 301.80 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class E

	Milk lbs.	Butter Fat %	Butter Fat lbs.
June 14, 1916,	439.30	5.17	22.71
July, "	801.30	5.17	41.43
Aug., "	740.30	4.51	33.39
Sept., "	699.60	4.98	34.84
Oct., "	651.60	5.04	32.84
Nov., "	534.00	5.25	28.04
Dec., "	523.20	5.08	26.58
Jan., 1917,	426.70	5.74	24.49
Feb., "	401.30	5.27	21.15
Mar., "	399.60	5.38	21.50
Apr., "	296.80	5.68	16.86
May, "	221.70	6.05	13.41
June 13,* "	42.90	7.08	3.04
Total	**6178.30**	**5.18 Av.**	**320.28**

*5 days dry.

Owner's Statement of Feed

June—169 lbs. grain, 7 lbs. bran and 162 lbs. of the following mixture: 100 lbs. each Ajax Flakes, gluten feed, and mixed feed, 8 lbs. oil meal; 240 lbs. green peas and oats.

July—310 lbs. grain of the following mixture: 100 lbs. each Ajax Flakes, gluten feed, and mixed feed, 10 lbs. oil meal; green peas and oats.

Aug.—279 lbs. grain of equal parts Ajax Flakes, gluten feed, and mixed feed; green millet and pasture.

Sept.—270 lbs. grain same mixture as August; green millet and pasture.

Oct.—300 lbs. grain same mixture as August; 42 lbs. beet pulp, 275 lbs. ensilage, 128 lbs. hay.

Nov.—203 lbs. grain of the following mixture: 200 lbs. each bran, ground oats, gluten, and cottonseed meal, 100 lbs. each Ajax Flakes and oil meal; 600 lbs. ensilage, 150 lbs. hay.

Dec.—209.25 lbs. grain: 33.75 lbs. same mixture as November to the 5th, then 175.5 lbs. of the following mixture: 300 lbs. bran, 200 lbs. each corn meal, ground oats, gluten, and cottonseed meal, 100 lbs. oil meal; 690 lbs. ensilage, 155 lbs. mixed hay.

Jan.—234.5 lbs. grain same mixture as last of December; 12 lbs. beet pulp, 890 lbs. ensilage, 186 lbs. mixed hay.

Feb.—280 lbs. grain: 14 lbs. each bran and oil meal, 84 lbs. hominy, 28 lbs. each ground oats and gluten, 112 lbs. Unicorn Dairy Ration; 84 lbs. beet pulp, 560 lbs. ensilage, 168 lbs. hay.

Mar.—310 lbs. grain: 15.5 lbs. each bran and oil meal, 93 lbs. hominy, 31 lbs. each ground oats and gluten, 124 lbs. Unicorn Dairy Ration; 620 lbs. ensilage, hay.

Apr.—225 lbs. grain: 45 lbs. each bran and hominy, 135 lbs. Unicorn Dairy Ration; 600 lbs. ensilage, 240 lbs. hay.

May—186 lbs. grain of the following mixture: 46.5 lbs. each bran and hominy, 93 lbs. Unicorn Dairy Ration; 465 lbs. ensilage, 248 lbs. hay, pasture after the 27th.

June—24 lbs. grain: 4 lbs. each hominy and ground oats, 16 lbs. Unicorn Dairy Ration; 120 lbs. ensilage, green oats and peas, pasture.

5634 Sally of Elmpines 51289

Sire Imp. Fanny's Sequel 19563 A. R.
Sire Imp. Masher's Sequel 11462 A. R.
Dam Masher's Fanny R. G. A. S. 5070 P. S.
Dam Imp. Beauty of the Merriennes 36344 A. R. 3396.
Sire Surprise R. G. A. S. 2054 P. S., A. R.
Dam Miriam II. R. G. A. S. 5840 P. S.
Breeder J. G. Sherman, Greenwich, N. Y.
Owner J. G. Sherman, Greenwich, N. Y.
Sold May 12, 1917 to O. F. Kinney, Albany, N. Y.
Born Feb. 28, 1914. *Calved* Aug. 24, 1916.
Served Apr. 12, 1917.
Requirement for admission: 268.90 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class F

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept. 1, 1916,	693.20	4.27	29.60
Oct., "	727.10	4.35	31.63
Nov., "	673.90	4.06	27.36
Dec., "	676.40	4.28	28.95
Jan., 1917,	657.70	4.40	28.94
Feb., "	581.40	4.10	23.84
Mar., "	652.20	4.27	27.85
Apr., "	678.80	4.54	30.82
May, "	639.40	4.73	30.24
June, "	691.30	4.92	34.01
July, "	730.70	5.28	38.58
Aug. 31, "	605.00	4.82	29.16
Total	**8007.10**	**4.51 Av.**	**360.98**

Owner's Statement of Feed

Sept.—9 lbs. grain daily of the following mixture: 50 lbs. each bran, corn meal, and linseed meal, 160 lbs. Ajax Flakes, 25 lbs. cottonseed meal; 10 lbs. beet pulp, 5 lbs. each alfalfa and mixed hay.

Oct.—11 lbs. grain daily, 10 lbs. of the following mixture with 1 lb. cocoanut meal added: 50 lbs. each bran, corn meal, and oil meal, 160 lbs. Ajax Flakes, 25 lbs. cottonseed meal; 10 lbs. beet pulp, 5 lbs. each alfalfa and mixed hay.

Nov.—Same ration as given in October.

Dec.—12 lbs. grain daily, 10 lbs. same mixture as October with 2 lbs. cocoanut meal added; 8 lbs. beet pulp, 5 lbs. each alfalfa and mixed hay.

Jan.—10.5 lbs. grain daily, 9 lbs. of the following mixture with 1.5 lbs. cocoanut meal added: 50 lbs. each bran, corn meal, ground oats, cottonseed meal, oil meal, and beet pulp, 180 lbs. Ajax Flakes; 7 lbs. beet pulp, 10 lbs. each ensilage and alfalfa, 5 lbs. mixed hay.

Feb.—Same grain ration as January; 6 lbs. beet pulp, 16 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. mixed hay.

Mar.—10 lbs. grain daily of the following mixture: 75 lbs. each bran and ground oats, 50 lbs. each corn meal, gluten, and cottonseed meal, 125 lbs. Ajax Flakes; 8 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. mixed hay.

Apr.—12.5 lbs. grain daily, 9 lbs. of the following mixture with 3.5 lbs. cocoanut meal added: 50 lbs. corn meal, 75 lbs. ground oats, 125 lbs. Ajax Flakes, 100 lbs. each gluten and cottonseed meal; 8 lbs. beet pulp, 15 lbs. ensilage, 10 lbs. alfalfa, 5 lbs. clover hay.

May—Same ration as April to the 13th, then 144 lbs. grain, 119 lbs. of the following mixture with 25 lbs. ground oats added: 100 lbs. each wheat bran and gluten meal, 50 lbs. each hominy meal and oil meal, 72 lbs. Brewers' Grains, 60 lbs. cottonseed meal, 10 lbs. bone meal, 5 lbs. salt, 2.5 lbs. charcoal; 49 lbs. beet pulp, 246 lbs. alfalfa.

June—352.5 lbs. grain, 327.5 lbs. same mixture as last of May with 25 lbs. ground oats added; 180 lbs. beet pulp, 912 lbs. green grass, 222 lbs. green clover.

July—363 lbs. grain same mixture as June; 62 lbs. beet pulp, 1395 lbs. green oats.

Aug.—332 lbs. grain same mixture as June; 28 lbs. beet pulp, 747 lbs. corn, 450 lbs. green oats, 210 lbs. grass, 60 lbs. millet.

5635 Mona of Bayside 34044

Sire Caesar of Bayside 12136.
Sire Strenuous 8216 A. R.
Dam Hazel of the Glen 18386 A. R. 1120.
Dam Nora of Hulmeville 21917 A. R. 2302.
Sire Escamillo 7478.
Dam Nora K. 3d 10608.
Breeder Henry C. Everett, Barnstable, Mass.
Owner E. E. Hills, Shrewsbury, Mass.
Born July 23, 1910. *Calved* May 22, 1916.
Served Aug. 4, 1916. *Calved* May 3, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class AA

	Milk lbs.	Butter Fat %	Butter Fat lbs.
May 28, 1916,	129.10	4.43	5.72
June, "	894.50	4.43	39.63
July, "	881.60	4.55	40.11
Aug., "	787.40	4.32	34.02
Sept., "	776.10	4.42	34.30
Oct., "	751.60	4.35	32.69
Nov., "	662.60	4.55	30.15
Dec., "	624.90	4.50	28.12
Jan., 1917,	589.20	5.17	30.46
Feb., "	502.80	5.02	25.24
Mar., "	503.00	5.19	26.11
Apr.,* "	357.40	5.27	18.83
May 27,** "	520.10	4.45	23.14
Total	**7980.30**	**4.62 Av.**	**368.52**

*3 days dry.
**4 days dry.

Owner's Statement of Feed

May—34 lbs. grain, 28 lbs. of equal parts Ajax Flakes, gluten feed, and mixed feed, and 6 lbs. bran; 120 lbs. green rye.

June—360 lbs. grain of the following mixture: 100 lbs. each Ajax Flakes, gluten feed, and mixed feed, 8 lbs. oil meal; 600 lbs. rye and (peas and oats), pasture.

July—372 lbs. grain of the following mixture: 100 lbs. each Ajax Flakes, gluten feed, and mixed feed, 10 lbs. oil meal; peas and oats, pasture.

Aug.—372 lbs. grain of equal parts Ajax Flakes, gluten feed, and mixed feed; green millet and pasture.

Sept.—330 lbs. grain same mixture as August; green millet and pasture.

Oct.—333 lbs. grain same mixture as August; 42 lbs. beet pulp, 275 lbs. ensilage, 128 lbs. hay.

Nov.—270 lbs. grain of the following mixture: 200 lbs. each bran, ground oats, gluten, and cottonseed meal, 100 lbs. each Ajax Flakes and oil meal; 20 lbs. ensilage, 5 lbs. hay.

Dec.—279 lbs. grain; 45 lbs. to the 5th of the following mixture: 200 lbs. each bran, ground oats, gluten, and cottonseed meal, 100 lbs. each Ajax Flakes and oil meal, then 234 lbs. of 300 lbs. bran, 200 lbs. each corn meal, ground oats, gluten, and cottonseed meal, 100 lbs. oil meal; 690 lbs. ensilage, 155 lbs. mixed hay.

Jan.—279 lbs. grain same mixture as last of December; 12 lbs. beet pulp, 890 lbs. ensilage, 186 lbs. mixed hay.

Feb.—196 lbs. grain: 56 lbs. bran, 42 lbs. each hominy and Unicorn Dairy Ration, 14 lbs. each ground oats and gluten, 28 lbs. oil meal; 84 lbs. beet pulp, 560 lbs. ensilage, 168 lbs. hay.

Mar.—480.5 lbs. grain: 93 lbs. each bran, ground oats, and oil meal and 201.5 lbs. of 62 lbs. bran, 46.5 lbs. each hominy and Unicorn Dairy Ration, 15.5 lbs. gluten, 31 lbs. oil meal; 93 lbs. beet pulp, 465 lbs. ensilage, hay.

Apr.—300 lbs. grain: 60 lbs. bran, 45 lbs. hominy, 15 lbs. each ground oats and gluten, 135 lbs. Unicorn Dairy Ration, 30 lbs. oil meal; 180 lbs. beet pulp, 150 lbs. ensilage, 240 lbs. hay.

May—243 lbs. grain of the following mixture: 200 lbs. bran, 300 lbs. each hominy and Unicorn Dairy Ration, 100 lbs. each ground oats and oil meal; 405 lbs. ensilage, 236 lbs. hay.

5636 Imp. Amelia of Millmount XI. 35194

Sire Imp. Aimable of France 13739 A. R.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Amour des Frances IV. R. G. A. S. 5208 P. S.
Dam Amelia of Millmount II. R. G. A. S. 4726 P. S.
Sire Grimpo II. R. G. A. S. 1139 P. S.
Dam Amelia of Millmount R. G. A. S. 4071 P. S.
Breeder Mrs. John Le Page, Island of Guernsey.
Owner W. Henry Bell, Scotts Station, Ky.
Born Apr. 1, 1909. *Calved* June 7, 1916. *Served* ———.
Calved Apr. 17, 1917. *Served* May 6, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Kentucky Agricultural Experiment Station.

Official Year's Record, Class A

	Milk lbs.	Butter Fat %	Butter Fat lbs.
June 13, 1916,	553.70	4.60	25.47
July, "	926.80	4.66	43.19
Aug., "	919.00	4.90	45.03
Sept., "	775.20	5.30	41.09
Oct., "	647.30	6.01	38.90
Nov., "	566.10	7.35	41.61
Dec., "	537.70	5.93	31.89
Jan., 1917,	446.10	6.51	29.04
Feb., "	333.00	5.69	18.95
Mar., "	189.10	8.68	16.41
Apr.,* "	268.20	5.30	14.21
May, "	907.20	5.30	48.08
June 12, "	327.40	5.44	17.81
Total	**7396.80**	**5.57 Av.**	**411.68**

*21 days dry.

Owner's Statement of Feed

June—7 lbs. Union Grains daily from the 13th to the 19th, then 7 lbs. of 6 lbs. bran and 1 lb. cottonseed meal; pasture.

July—5.5 lbs. bran daily to the 9th, then 7 lbs. Union Grains and 1 lb. cottonseed meal; pasture.

Aug.—8 lbs. grain daily to the 14th of 7 lbs. Union Grains and 1 lb. cottonseed meal, then 9 lbs. of 4 lbs. ground corn and oats, 1 lb. each cottonseed meal and oil meal, and 3 lbs. Arcady Feed; pasture.

Sept.—8 lbs. grain daily, to the 19th of 6 lbs. Arcady Dairy Feed and 1 lb. each cottonseed meal and oil meal, then of 6 lbs. Distillers' Grains and 1 lb. each cottonseed meal and oil meal; pasture.

Oct.—7.5 lbs. grain daily, 7 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains, .5 lb. cottonseed meal; ensilage and hay.

Nov.—Same ration as given in October.

Dec.—Same ration as given in October.

Jan.—8 lbs. grain daily, 7 lbs. same mixture as October and 1 lb. cottonseed meal; ensilage and hay.

Feb.—8.5 lbs. grain daily, 7 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains, 1 lb. cottonseed meal, and .5 lb. oil meal; ensilage and hay.

Mar.—9 lbs. grain daily to the 14th of 8 lbs. ground corn and oats and 1 lb. cottonseed meal; no grain fed after 14th; ensilage and hay.

Apr.—7 lbs. grain daily from the 20th of 6 lbs. ground corn and oats and 1 lb. cottonseed meal; pasture.

May—Pasture.

June—Pasture.

5637 Masher's Bessie of Bonny Lea Farm 58560

Sire Sequel's Masher Boy of Maplewood 20391 A. R.
Sire Imp. Spotswood Sequel 9686 A. R.
Dam Cold Brook's Polly 20051.
Dam Trixie Levoir 38086 A. R. 3318.
Sire Jethro Financier 16893.
Dam Pride of Winfield 23681.
Breeder Alfred Anderson, Holton, Mich.
Owner Alfred Anderson, Holton, Mich.
Born Aug. 4, 1914. *Calved* Aug. 5, 1916.
Served Jan. 3, 1917.
Requirement for admission: 250.80 lbs. butter fat.
Supervised under one day test by Michigan Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	8, 1916,	596.30	4.05	24.15
Sept.,	"	741.30	3.82	28.32
Oct.,	"	751.60	4.35	32.69
Nov.,	"	583.70	4.80	28.02
Dec.,	"	576.10	4.66	26.85
Jan.,	1917,	578.90	5.33	30.86
Feb.,	"	525.60	5.12	26.91
Mar.,	"	573.70	5.00	28.69
Apr.,	"	475.80	5.12	24.36
May,	"	523.00	5.00	26.15
June,	"	476.70	4.81	22.93
July,	"	243.40	6.47	15.75
Aug.	7, "	35.50	6.47	2.30
Total		**6681.60**	**4.76 Av.**	**317.98**

Owner's Statement of Feed

Aug.—8 lbs. grain daily of the following mixture: 125 lbs. each hominy and oil meal, 600 lbs. Ajax Flakes; 35 lbs. ensilage, 15 lbs. green corn and mixed hay.

Sept.—9.5 lbs. grain daily of 3 lbs. bran, 1.5 lbs. ground oats, 4.5 lbs. Ajax Flakes, and .5 lb. oil meal; 15 lbs. hay.

Oct.—8 lbs. grain daily of the following mixture: 300 lbs. bran, 450 lbs. Ajax Flakes, 50 lbs. oil meal; 40 lbs. ensilage, 15 lbs. hay.

Nov.—10 lbs. grain daily same mixture as October; 40 lbs. ensilage, 15 lbs. hay.

Dec.—10 lbs. grain daily of the following mixture: 100 lbs. bran, 400 lbs. Ajax Flakes; 40 lbs. ensilage, 15 lbs. hay.

Jan.—9 lbs. grain daily of the following mixture: 100 lbs. each Sucrene Feed and gluten, 200 lbs. Ajax Flakes; 30 lbs. ensilage, 10 lbs. hay.

Feb.—Same ration as given in January.

Mar.—10 lbs. grain daily of the following mixture: 50 lbs. corn meal, 100 lbs. ground oats, 200 lbs. Unicorn Dairy Ration; 15 lbs. ensilage, 12 lbs. alfalfa.

Apr.—10 lbs. grain daily of the following mixture: 50 lbs. ground oats, 100 lbs. ground barley, 25 lbs. cottonseed meal; 5 lbs. alfalfa, 15 lbs. hay.

May—9 lbs. ground oats and barley daily; 8 lbs. mixed hay.

June—6 lbs. grain daily of the following mixture: 50 lbs. ground oats, 100 lbs. barley; pasture.

July—Pasture.

Aug.—Pasture.

5638 Ma Chère Jardiniere 55849

Sire Jardiniere's Masher 20957.
Sire Masher's Masher 13147.
Dam La Belle Jardiniere 24945.
Dam His Eminence Confidence 27287 A. R. 2192.
Sire Imp. His Eminence 11602 A. R.
Dam Repose 13389 A. R. 339.
Breeder S. M. Shoemaker, Eccleston, Md.
Owner S. M. Shoemaker, Eccleston, Md.
Born July 16, 1914. *Calved* Aug. 21, 1916.
Served Mar. 21, 1917.
Requirement for admission: 255.10 lbs. butter fat.
Supervised by Maryland Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
Sept.	1, 1916,	830.90	3.86	32.07
Oct.,	"	880.60	3.86	33.99
Nov.,	"	819.90	4.21	34.52
Dec.,	"	824.90	4.30	35.47
Jan.,	1917,	798.60	4.41	35.22
Feb.,	"	757.10	4.41	33.39
Mar.,	"	820.10	4.64	38.05
Apr.,	"	814.00	4.54	36.96
May,	"	857.40	4.67	40.04
June,	"	814.30	5.25	42.75
July,	"	785.50	5.22	41.00
Aug.	31, "	678.10	5.18	35.13
Total		**9681.40**	**4.53 Av.**	**438.59**

Owner's Statement of Feed

Sept.—195 lbs. grain of the following mixture: 200 lbs. each bran and Larro-Feed, 50 lbs. each middlings, hominy chop, Ajax Flakes, and flaxseed meal, 150 lbs. ground oats, 20 lbs. salt; 2 lbs. beet pulp, 20 lbs. green corn, 8 lbs. alfalfa.

Oct.—325.5 lbs. grain: 15.5 lbs. each bran, Ajax Flakes, and oil meal and 279 lbs. same mixture as September; 15.5 lbs. molasses, 62 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa.

Nov.—300 lbs. grain: 15 lbs. bran, 30 lbs. oil meal, and 255 lbs. same mixture as September; 30 lbs. molasses, 60 lbs. each beet pulp and roots, 750 lbs. ensilage, 240 lbs. alfalfa.

Dec.—294.5 lbs. grain: 15.5 lbs. each bran and oil meal and 263.5 lbs. same mixture as September; 31 lbs. molasses, 46.5 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa.

Jan.—Same grain ration as December; 31 lbs. molasses, 62 lbs. beet pulp, 775 lbs. ensilage, 248 lbs. alfalfa.

Feb.—266 lbs. grain; 14 lbs. each bran and oil meal and 238 lbs. of the following mixture: 200 lbs. each bran and Larro-Feed, 300 lbs. hominy chop, 150 lbs. each crushed and whole oats, 100 lbs. Ajax Flakes, 50 lbs. flaxseed meal, 20 lbs. salt; 28 lbs. molasses, 56 lbs. beet pulp, 700 lbs. ensilage, 224 lbs. alfalfa.

Mar.—310 lbs. grain, 15.5 lbs. bran and 294.5 lbs. of the following mixture: 200 lbs. each bran, ground oats, cottonseed meal, and flaxseed meal, 120 lbs. corn chop, 400 lbs. Ajax Flakes, 150 lbs. gluten, 30 lbs. salt; 31 lbs. molasses, 62 lbs. beet pulp, 775 lbs. ensilage, 279 lbs. alfalfa.

Apr.—300 lbs. grain: 15 lbs. bran and 285 lbs. of the following mixture: 200 lbs. each bran, ground oats, and flaxseed meal, 300 lbs. each hominy chop and Ajax Flakes, 150 lbs. gluten, 30 lbs. salt; 30 lbs. molasses, 75 lbs. beet pulp, 750 lbs. ensilage, 270 lbs. alfalfa.

May—310 lbs. grain: 15.5 lbs. bran and 294.5 lbs. same mixture as April with 100 lbs. Ajax Flakes added; 62 lbs. beet pulp, 775 lbs. ensilage, 279 lbs. alfalfa.

June—315 lbs. grain, 15 lbs. bran and 300 lbs. of the following mixture: 200 lbs. each bran, ground oats, Larro-Feed, and flaxseed meal, 300 lbs. hominy chop, 400 lbs. Ajax Flakes, 30 lbs. salt; 60 lbs. beet pulp, 300 lbs. alfalfa.

July—325.5 lbs. grain: 15.5 lbs. bran and 310 lbs. same mixture as June; 62 lbs. beet pulp, 310 lbs. alfalfa.

Aug.—325.5 lbs. grain same mixture as June; 31 lbs. molasses, 62 lbs. beet pulp, 248 lbs. green corn, 93 lbs. alfalfa.

5639 Lizzie of Oakwood 52251

Sire Rosette's Marshall 12236 A. R.
Sire Marshall of France 9051 A. R.
Dam Imp. Rosette of the Gron I. 18538 A. R. 1005.
Dam Imp. Delia of Castel 23491.
Sire Prini Leopoli R. G. A. S. 1443 P. S.
Dam Bonne Femme III. R. G. A. S. 4110 P. S.
Breeder W. Henry Bell, Scotts Station, Ky.
Owner W. Henry Bell, Scotts Station, Ky.
Born Nov. 15, 1911. *Calved* May 10, 1916.
Served Oct. 10, 1916.
Requirement for admission: 341.50 lbs. butter fat.
Supervised under one day test by Kentucky Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
May	15, 1916,	761.80	4.05	30.85
June,	"	1305.80	4.05	52.88
July,	"	1113.40	4.71	52.44
Aug.,	"	975.30	4.65	45.35
Sept.,	"	848.20	5.03	42.66
Oct.,	"	642.10	4.79	30.76
Nov.,	"	538.50	6.10	32.85
Dec.,	"	491.60	5.62	27.63
Jan.,	1917,	433.70	6.04	26.20
Feb.,	"	328.40	6.23	20.46
Mar.,	"	311.80	6.28	19.58
Apr.,	"	262.50	7.07	18.56
May	14, "	113.30	6.35	7.19
Total		**8126.40**	**5.01 Av.**	**407.41**

Owner's Statement of Feed

May—9 lbs. Union Grains daily; pasture.

June—9 lbs. Union Grains daily to the 19th, then 9.5 lbs. of 8.5 lbs. bran and 1 lb. cottonseed meal; pasture.

July—9 lbs. grain daily to the 9th of 8 lbs. bran and 1 lb. cottonseed meal, then 10 lbs. of 9 lbs. Union Grains and 1 lb. cottonseed meal; pasture.

Aug.—10 lbs. grain daily to the 14th of 9 lbs. Union Grains and 1 lb. cottonseed meal, then 11 lbs. of 4 lbs. ground corn and oats, 5 lbs. Arcady Dairy Feed, and 1 lb. each cottonseed meal and oil meal; pasture.

Sept.—10 lbs. grain daily, to the 20th of 8 lbs. Arcady Dairy Feed and 1 lb. each cottonseed meal and oil meal, then of 8 lbs. Distillers' Grains and 1 lb. each cottonseed meal and oil meal; pasture.

Oct.—9 lbs. grain daily of 8.5 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains, .5 lb. cottonseed meal; ensilage and hay.

Nov.—7.5 lbs. grain daily of 7 lbs. same mixture as October and .5 lb. cottonseed meal; ensilage and hay.

Dec.—Same ration as given in November.

Jan.—Same ration as December with .5 lb. cottonseed meal added daily.

Feb.—8.5 lbs. grain daily of 7 lbs. of 1 part each ground corn and oats and 2 parts Brewers' Grains, 1 lb. cottonseed meal, and .5 lb. oil meal; ensilage and hay.

Mar.—9 lbs. grain daily of 8 lbs. ground corn and oats and 1 lb. cottonseed meal; ensilage and hay.

Apr.—7 lbs. grain daily of 6 lbs. ground corn and oats and 1 lb. cottonseed meal; pasture.

May—Pasture.

5640 Imp. Victorina of Sarnia 35669

Sire Imp. Raymond of the Préel IV. 19235 A. R.
Sire Imp. Raymond of the Préel 11353 A. R.
Dam Imp. Fillpail XIV. 26619.
Dam Victorina R. G. A. S. 2769 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder W. H. Lihou, Island of Guernsey.
Owner The University of Minnesota, St. Paul, Minn.
Born July 5, 1910. *Calved* Apr. 7, 1916.
Served May 27, 1916. *Calved* Mar. 6, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Minnesota Agricultural Experiment Station.

Official Year's Record, Class AA

		Milk	Butter Fat	
		lbs.	%	lbs.
Apr.	9, P. M., 1916,	861.70	5.20	44.81
May,	"	1542.90	4.92	75.91
June,	"	1197.10	4.14	49.56
July,	"	1151.50	4.70	54.12
Aug.,	"	1008.30	4.72	47.59
Sept.,	"	912.70	5.14	46.91
Oct.,	"	841.80	5.90	49.67
Nov.,	"	782.70	5.73	44.85
Dec.,	"	750.90	6.47	48.58
Jan.,*	1917,	125.30	7.11	8.91
Feb.,	"	Dry.		
Mar.,**	"	929.60	5.23	48.62
Apr.	9, A. M., "	400.20	4.75	19.01
Total		**10504.70**	**5.13 Av.**	**538.54**

***23 days dry.**
****8 days dry.**

Owner's Statement of Feed

Apr.—273 lbs. grain: 37.8 lbs. corn, 54.6 lbs. each middlings, ground oats, barley, and oil meal, 16.8 lbs. Starch Feed; 322 lbs. ensilage, 84 lbs. each alfalfa and hay.

May—615 lbs. grain: 123 lbs. each middlings, corn meal, ground oats, barley, and oil meal; 406 lbs. ensilage, 70 lbs. alfalfa, 119 lbs. mixed hay, pasture after the 15th.

June—298 lbs. grain: 59.6 lbs. each middlings, corn meal, ground oats, barley, and oil meal; pasture.

July—280 lbs. grain: 56 lbs. each corn, middlings, ground oats, barley, and oil meal; pasture.

Aug.—314 lbs. grain: 62.8 lbs. each middlings, corn meal, ground oats, barley, and oil meal; alfalfa and pasture.

Sept.—330 lbs. grain: 66 lbs. each middlings, corn meal, ground oats, barley, and oil meal; pasture.

Oct.—369 lbs. grain: 73.8 lbs. each middlings, corn meal, ground oats, barley, and oil meal; 160 lbs. roots, 416 lbs. ensilage, 128 lbs. hay, pasture.

Nov.—326 lbs. grain: 8.92 lbs. bran, 44.315 lbs. middlings, 73.19 lbs. corn meal, 63.565 lbs. ground oats, 58.38 lbs. barley, 77.63 lbs. oil meal; 300 lbs. roots, 730 lbs. ensilage, 258 lbs. hay.

Dec.—324 lbs. grain: 41.515 lbs. bran, 38.155 lbs. middlings, 29.405 lbs. corn meal, 70.7 lbs. hominy, 45.855 lbs. ground oats, 49.185 lbs. each barley and oil meal; 310 lbs. roots, 744 lbs. ensilage, 265 lbs. hay.

Jan.—221 lbs. grain: 27.625 lbs. each bran, middlings, ground oats, and oil meal, 82.875 lbs. hominy, 19.75 lbs. barley, 7.875 lbs. Brewers' Grains; 176 lbs. beet pulp, 758 lbs. ensilage, 262 lbs. alfalfa.

Feb.—143 lbs. grain: 17.875 lbs. each bran, middlings, ground oats, barley, and oil meal, 53.625 lbs. hominy; 317 lbs. beet pulp, 660 lbs. ensilage, 217 lbs. hay.

Mar.—287 lbs. grain: 35.875 lbs. each bran, middlings, ground oats, and oil meal, 107.625 lbs. hominy, 28 lbs. barley, 7.875 lbs. Brewers' Grains; 445 lbs. beet pulp, 710 lbs. ensilage, 263 lbs. alfalfa.

Apr.—134.8 lbs. grain: 16.625 lbs. each bran, middlings, barley, ground oats, and oil meal, 48 lbs. hominy, 1.875 lbs. each Brewers' Grains and corn; 144 lbs. beet pulp, 202 lbs. ensilage, 74 lbs. alfalfa.

5641 Imp. Ruby du Crocq 3d 53975

Sire Reformer R. G. A. S. 2528 P. S., A. R.
Sire Imp. Oneida's Jewel 15650 A. R.
Dam Le Gelé's May R. G. A. S. 3334 F. S.
Dam Ruby du Crocq R. G. A. S. 4251 F. S.
Sire Imp. Raymond of the Préel V. 13382 A. R.
Dam On Guernsey.
Breeder De La Rue Bros., Island of Guernsey.
Owner Charles H. Tappan, Winthrop, Maine.
Born July 2, 1912. *Calved* Aug. 18, 1916.
Served June 4, 1917.
Requirement for admission: 329.10 lbs. butter fat.
Supervised by Maine Agricultural Experiment Station.

Official Year's Record, Class C

		Milk	Butter Fat	
		lbs.	%	lbs.
Aug.	28, 1916,	113.90	4.30	4.90
Sept.,	"	918.10	4.30	39.48
Oct.,	"	1048.30	4.83	50.63
Nov.,	"	1018.30	4.79	48.78
Dec.,	"	1023.30	4.79	49.02
Jan.,	1917,	994.40	5.27	52.40
Feb.,	"	840.10	4.85	40.74
Mar.,	"	889.00	5.27	46.85
Apr.,	"	875.10	5.35	46.82
May,	"	868.90	5.24	45.53
June,	"	757.50	5.32	40.30
July,	"	762.40	5.70	43.46
Aug.	27, "	641.60	5.21	33.43
Total		**10750.90**	**5.04 Av.**	**542.34**

Owner's Statement of Feed

Aug.—8 lbs. grain daily of equal parts bran, hominy, Ajax Flakes, and cottonseed meal; 4 lbs. mixed hay and pasture.

Sept.—9 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each hominy, Ajax Flakes, gluten, and cottonseed meal; 10 lbs. mixed hay and pasture.

Oct.—9.9 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each Ajax Flakes, gluten, and cottonseed meal, 50 lbs. linseed meal; 10 lbs. mixed hay and pasture.

Nov.—12 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each Ajax Flakes, Schumacher Feed, gluten, and cottonseed meal, 50 lbs. oil meal; 20 lbs. mixed hay.

Dec.—Same ration as given in November.

Jan.—Same grain ration as November; 30 lbs. beets, 16 lbs. mixed hay.

Feb.—Same grain ration as November; 20 lbs. ensilage, 16 lbs. mixed hay.

Mar.—11 lbs. grain daily same mixture as November; 20 lbs. ensilage, 16 lbs. mixed hay.

Apr.—Same ration as given in March.

May—10 lbs. grain daily same mixture as November; 15 lbs. ensilage, 18 lbs. mixed hay.

June—10 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each Schumacher Feed, gluten, and cottonseed meal, 40 lbs. linseed meal; pasture.

July—9 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each hominy, Ajax Flakes, Schumacher Feed, gluten, and cottonseed meal; pasture.

Aug.—10 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. each hominy, Schumacher Feed, gluten, and cottonseed meal; 5 lbs. hay and pasture.

5642 Victor of Fern Ravine's Rosalind O. K. 27210

Sire Victor of Fern Ravine 10608.
Sire Teresita's Lonan 6286 A. R.
Dam Rosalind of Fern Ravine 14152 A. R. 320.
Dam Lady Brodhead 16751 A. R. 4491.
Sire Aeneas 5853 A. R.
Dam Clara K. 16740 A. R. 457.
Breeder Mrs. Clara F. Moore, Worthington, Minn.
Owner G. N. Knapp, Stanton, Minn.
Born Dec. 10, 1908. *Calved* May 29, 1916.
Served June 26, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised under one day test by Minnesota Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	1, 1916,	871.20	4.75	41.38
Aug.,	"	755.80	4.11	31.06
Sept.,	"	750.30	5.05	37.89
Oct.,	"	718.00	4.80	34.46
Nov.,*	"	400.30	4.63	18.53
Dec.,	"	580.60	4.74	27.52
Jan.,	1917,	668.00	4.98	33.27
Feb.,	"	661.30	5.25	34.72
Mar.,	"	680.80	5.40	36.76
Apr.,	"	629.30	4.99	31.40
May,	"	631.40	5.06	31.95
June	30, "	669.50	5.01	33.54
Total		**8016.50**	**4.90 Av.**	**392.48**

*9 days lacking.

Owner's Statement of Feed

July—6 lbs. wheat middlings daily; pasture.

Aug.—6 lbs. grain daily of 2 parts each bran, wheat middlings, ground oats, and ground barley and 1 part oil meal; pasture.

Sept.—8 lbs. grain daily same mixture as August; ensilage and hay.

Oct.—3.5 lbs. grain daily of equal parts wheat middlings and ground barley; ensilage and hay.

Nov.—9 lbs. grain daily same mixture as October; 30 lbs. ensilage, 10 lbs. hay.

Dec.—Same ration as given in November.

Jan.—8 lbs. grain daily of 3 lbs. each bran and middlings and 2 lbs. ground barley; 25 lbs. ensilage, 10 lbs. mixed hay.

Feb.—15 lbs. grain daily of equal parts bran, middlings, corn meal, barley, and malt sprouts; 20 lbs. ensilage, hay.

Mar.—12 lbs. grain daily of the following mixture: 50 lbs. bran, 100 lbs. middlings, 30 lbs. oil meal; ensilage and hay.

Apr.—12 lbs. grain daily of the following mixture: 150 lbs. each ground oats and flour, 60 lbs. oil meal; ensilage and hay.

May—10 lbs. grain daily of the following mixture: 140 lbs. each bran and middlings, 35 lbs. oil meal; ensilage hay to the 13th then pasture.

June—No grain given; ensilage and pasture.

5643 Wolfram's Margery 34545

Sire Wolfram 5640 A. R.
Sire Count Lonan 3516 A. R.
Dam Materna 1334.
Dam Margery of Rockford 19457.
Sire Winnebago Boy 10255.
Dam Eliza of Paulsdale 3946.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born Sept. 9, 1910. *Calved* July 23, 1916.
Served Dec. 29, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk	Butter Fat	
		lbs.	%	lbs.
July	27, 1916,	160.00	4.85	7.76
Aug.,	"	1132.40	4.85	54.92
Sept.,	"	986.50	4.59	45.28
Oct.,	"	876.70	4.69	41.12
Nov.,	"	770.40	4.95	38.13
Dec.,	"	739.40	5.36	39.63
Jan.,	1917,	654.40	5.17	33.83
Feb.,	"	543.70	5.33	28.98
Mar.,	"	611.10	5.09	31.10
Apr.,	"	562.10	5.44	30.58
May,	"	566.60	5.41	30.65
June,	"	581.90	4.95	28.80
July	26, "	448.20	5.33	23.89
Total		**8633.40**	**5.03 Av.**	**434.67**

Owner's Statement of Feed

July—6 lbs. grain daily of 2.4 lbs. bran, .6 lb. each corn meal and oil meal, 1.2 lbs. each ground oats and Ajax Flakes; clover and blue grass pasture.

Aug.—10 lbs. grain daily of 3 lbs. each bran and Ajax Flakes, 1 lb. each corn meal and oil meal, and 2 lbs. ground oats; clover and blue grass pasture.

Sept.—10 lbs. grain daily of 2 lbs. each bran, ground oats, and ground barley, 3 lbs. Ajax Flakes, and 1 lb. oil meal; 10 lbs. ensilage, alfalfa and clover hay, clover pasture.

Oct.—11.2 lbs. grain daily of 2.4 lbs. ground oats, 1.2 lbs. ground barley, 3 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .6 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, alfalfa and clover hay.

Nov.—8.95 lbs. grain daily of .9 lb. each ground oats and ground barley, 2.25 lbs. Ajax Flakes, 4.5 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

Dec.—9.2 lbs. grain daily of 1.8 lbs. ground oats, .9 lb. ground barley, 2.4 lbs. Ajax Flakes, 3.6 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, alfalfa and clover hay.

Jan.—9.05 lbs. grain daily of .9 lb. each ground oats and ground barley, 2.25 lbs. Ajax Flakes, 4.5 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, alfalfa and clover hay.

Feb.—9 lbs. grain daily of .9 lb. each ground oats, ground barley, and gluten, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Mar.—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Apr.—Same grain ration as March; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

May—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 2 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

June—6 lbs. grain daily of .6 lb. each ground oats, ground barley, and gluten, 1.8 lbs. Ajax Flakes, and 2.4 lbs. ground hay; clover and blue grass pasture.

July—8 lbs. grain daily of 1.6 lbs. ground oats, 2.4 lbs. Ajax Flakes, .8 lb. gluten, and 3.2 lbs. ground clover; clover and blue grass pasture.

5644 Royal's Pretty Pearl 50085

Sire Langwater Royal 14253 A. R.
Sire Imp. King of the May 9001 A. R.
Dam Langwater Royal Rose 21334.
Dam Gerar Pearl 23595 A. R. 1107.
Sire Tony Sharon 11610.
Dam Mary Jane of Gerar 17013 A. R. 2367.
Breeder M. T. Phillips, Pomeroy, Pa.
Owner M. T. Phillips, Pomeroy, Pa.
Born Jan. 4, 1914. *Calved* May 12, 1916.
Served Oct. 8, 1916.
Requirement for admission: 263.70 lbs. butter fat.
Supervised by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

		Milk	Butter Fat	
		lbs.	%	lbs.
May	17, 1916,	414.40	4.05	16.78
June,	"	958.70	4.05	38.83
July,	"	951.00	4.02	38.23
Aug.,	"	927.30	4.18	38.76
Sept.,	"	805.20	4.18	33.66
Oct.,	"	727.80	4.11	29.91
Nov.,	"	707.40	4.14	29.29
Dec.,	"	675.70	4.63	31.28
Jan.,	1917,	655.90	4.78	31.35
Feb.,	"	582.90	4.76	27.75
Mar.,	"	615.80	4.92	30.30
Apr.,	"	567.40	4.69	26.61
May	16, "	279.50	4.87	13.61
Total		**8869.00**	**4.36 Av.**	**386.36**

Owner's Statement of Feed

May—150 lbs. grain: 22.5 lbs. bran, 37.5 lbs. corn meal, 30 lbs. corn Distillers' Grains, 15 lbs. each Schumacher Feed and molasses, 30 lbs. beet pulp; pasture.

June—335.5 lbs. grain: 21 lbs. to the 3d of Mixture (No. I): 200 lbs. each bran and corn Distillers' Grains, 125 lbs. corn meal, 40 lbs. Badger Dairy Feed, 100 lbs. Schumacher Feed, 70 lbs. gluten, 10 lbs. salt; 147 lbs. from the 4th to the 24th of Mixture (No. II): 240 lbs. bran, 160 lbs. corn meal, 300 lbs. corn Distillers' Grains, 40 lbs. Badger Dairy Feed, 100 lbs. gluten, 15 lbs. salt; 48 lbs. from the 25th to the 30th of Mixture (No. III): 18 lbs. bran, 40 lbs. Cow Chow, 30 lbs. corn Distillers' Grains, 20 lbs. Badger Dairy Feed, 10 lbs. gluten, 2 lbs. salt; 119.5 lbs. beet pulp; pasture.

July—393.63 lbs. grain: 20.8 lbs. bran, 8.22 lbs. corn meal, 44.33 lbs. Cow Chow, 91.53 lbs. Distillers' Grains, 144 lbs. Larro-Feed, 29 lbs. gluten, 55.75 lbs. beet pulp; alfalfa and pasture.

Aug.—438.74 lbs. grain: 54.3 lbs. bran, 49.7 lbs. corn meal, 19.54 lbs. ground oats, 23 lbs. Cow Chow, 184.9 lbs. Distillers' Grains, 42.8 lbs. gluten, 64.5 lbs. beet pulp; green corn, alfalfa, and pasture.

Sept.—368 lbs. grain: 58 lbs. each bran and gluten, 29 lbs. corn meal, 143 lbs. Distillers' Grains, 80 lbs. beet pulp; alfalfa and pasture.

Oct.—401.1 lbs. grain: 90.6 lbs. bran, 45 lbs. corn meal, 120 lbs. Distillers' Grains, 51.5 lbs. gluten, 94 lbs. beet pulp; ensilage and alfalfa.

Nov.—355.4 lbs. grain: 74.8 lbs. bran, 27.3 lbs. corn meal, 120.9 lbs. Distillers' Grains, 44.4 lbs. gluten, 88 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Dec.—306.5 lbs. grain: 70 lbs. bran, 76.5 lbs. corn and cob meal, 78.5 lbs. Distillers' Grains, 19.5 lbs. gluten, 62 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Jan.—337 lbs. grain: 61 lbs. bran, 95 lbs. corn and cob meal, 128 lbs. Distillers' Grains, 9 lbs. gluten, 44 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Feb.—298.5 lbs. grain: 49 lbs. bran, 86 lbs. corn and cob meal, 3.5 lbs. ground oats, 101 lbs. Distillers' Grains, 6 lbs. Larro-Feed, 16 lbs. gluten, 37 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Mar.—440.75 lbs. grain: 63.6 lbs. bran, 37.8 lbs. corn and cob meal, 37.6 lbs. corn meal, 30.75 lbs. ground oats, 185.8 lbs. Distillers' Grains, 23.2 lbs. gluten, 62 lbs. beet pulp; ensilage, mixed alfalfa and timothy hay.

Apr.—341 lbs. grain: 56 lbs. bran, 89 lbs. corn meal, 9 lbs. ground oats, 120 lbs. Distillers' Grains, 7 lbs. gluten, 60 lbs. beet pulp; ensilage and mixed hay.

May—100 lbs. grain: 14.5 lbs. bran, 39.5 lbs. corn meal, 20.5 lbs. Distillers' Grains, 6.5 lbs. gluten, 5 lbs. cottonseed meal, 14 lbs. beet pulp; ensilage and mixed hay to the 10th, then pasture.

5645 Imp. Rosie II. of les Buttes 53763

Sire Nelson of the Simons R. G. A. S. 2371 P. S., A. R.
Sire Majesty of Ida Cottage R. G. A. S. 1902 P. S., A. R.
Dam Lily of the Simons R. G. A. S. 3372 F. S.
Dam Rosie of les Jaonnets R. G. A. S. 3340 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder John A. Brouard, Island of Guernsey.
Owner F. B. Rundell & R. Nicholson, Livingston, Wis.
Born May 23, 1912. *Calved* June 29, 1916.
Served Jan. 28, 1917.
Requirement for admission: 327.30 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
July 1, 1916,	1174.60	4.09	48.04
Aug., "	958.90	4.62	44.30
Sept., "	947.00	4.29	40.63
Oct., "	881.10	5.30	46.70
Nov., "	782.30	4.78	37.39
Dec., "	808.60	4.87	39.38
Jan., 1917,	828.70	5.14	42.60
Feb., "	752.50	4.93	37.10
Mar., "	856.20	4.78	40.93
Apr., "	836.20	4.87	40.72
May, "	820.50	5.08	41.68
June 30, "	834.00	6.30	52.54
Total	**10480.60**	**4.89 Av.**	**512.01**

Owner's Statement of Feed

July—7.5 lbs. grain daily of the following mixture: 100 lbs. bran, 150 lbs. ground oats; pasture.

Aug.—7 lbs. grain daily same mixture as July; pasture.

Sept.—9.25 lbs. grain daily same mixture as July; corn fodder and pasture.

Oct.—10 lbs. grain daily of the following mixture: 100 lbs. bran, 150 lbs. ground oats, 50 lbs. gluten; 24 lbs. ensilage, hay and pasture.

Nov.—11 lbs. grain daily, 8 lbs. of the following mixture with 3 lbs. gluten added: 100 lbs. bran, 150 lbs. ground oats and barley; 30 lbs. ensilage, hay.

Dec.—11.5 lbs. grain daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. gluten, 50 lbs. cottonseed meal; 30 lbs. ensilage, 8 to 10 lbs. alfalfa and mixed hay.

Jan.—12.75 lbs. grain daily of 9 lbs. (bran and ground oats), 2 lbs. gluten, and 1.75 lbs. cottonseed meal; 30 lbs. ensilage, 10 lbs. alfalfa and mixed hay.

Feb.—12 lbs. grain daily, 2 lbs. gluten, 1 lb. cottonseed meal, and 9 lbs. of the following mixture: 150 lbs. bran, 100 lbs. ground oats; 30 lbs. ensilage, alfalfa, clover, and timothy hay.

Mar.—Same ration as given in February.

Apr.—11 lbs. grain daily of 9 lbs. (bran and ground oats), 1.5 lbs. gluten, and .5 lb. cottonseed meal; 35 lbs. ensilage, alfalfa, clover, and timothy hay.

May—Same grain ration as April; same roughage to 23d then pasture.

June—12 lbs. grain daily of the following mixture: 150 lbs. bran, 100 lbs. ground oats, 40 lbs. Unicorn Dairy Ration; pasture.

5646 Imp. Violet III. des Valettes 48467

Sire Brilliant of the Grée R. G. A. S. 2377 P. S., A. R.
Sire Imp. The Conqueror II. 15323 A. R.
Dam Buttercup du Pont R. G. A. S. 3448 F. S.
Dam Rose des Valettes R. G. A. S. 3761 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder Nicholas Tostevin, Island of Guernsey.
Owner Jules Breuchaud, Olive Bridge, N. Y.
Born Nov. 6, 1912. *Calved* July 24, 1916.
Served Feb. 4, 1917.
Requirement for admission: 314.60 lbs. butter fat.
Supervised by Cornell Agricultural Experiment Station, Ithaca, N. Y.

Official Year's Record, Class D

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug. 10, 1916,	735.70	3.77	27.74
Sept., "	1121.30	3.61	40.48
Oct., "	1126.40	4.32	48.66
Nov., "	1026.10	4.16	42.69
Dec., "	1012.30	4.70	47.58
Jan., 1917,	1051.50	4.51	47.42
Feb., "	938.30	4.41	41.38
Mar., "	1065.60	4.41	46.99
Apr., "	1020.70	4.55	46.44
May, "	1059.60	4.48	47.47
June, "	965.00	4.65	44.87
July, "	851.60	4.49	38 24
Aug. 9, "	230.30	4.49	10.34
Total	**12204.40**	**4.35 Av.**	**530.30**

Owner's Statement of Feed

Aug.—199 lbs. grain: 99.5 lbs. each bran and ground oats; 154 lbs. alfalfa, pasture.

Sept.—368 lbs. grain: 84 lbs. bran, 146 lbs. ground oats, 102 lbs. Union Grains, 18 lbs. gluten, 9 lbs. each cottonseed meal and oil meal; 450 lbs. ensilage, 72 lbs. alfalfa, pasture.

Oct.—461.25 lbs. grain: 85.5 lbs. bran, 38.5 lbs. corn meal, 31 lbs. each middlings, gluten, and cottonseed meal, 23 lbs. hominy, 186 lbs. ground oats, 35.25 lbs. oil meal; alfalfa pasture.

Nov.—420 lbs. grain: 90 lbs. bran, 30 lbs. each middlings, gluten, cottonseed meal, and oil meal, 36 lbs. corn meal, 24 lbs. hominy, 150 lbs. ground oats; 750 lbs. ensilage, 180 lbs. alfalfa.

Dec.—434 lbs. grain: 93 lbs. bran, 31 lbs. each corn meal, middlings, hominy, gluten, cottonseed meal, and oil meal, 155 lbs. ground oats; 775 lbs. ensilage, 186 lbs. alfalfa.

Jan.—403 lbs. grain of the following mixture: 300 lbs. each bran and gluten, 100 lbs. middlings, 400 lbs. hominy, 500 lbs. Ajax Flakes, 200 lbs. each cottonseed meal and oil meal; 186 lbs. each roots and alfalfa, 310 lbs. ensilage.

Feb.—364 lbs. grain same mixture as January; 168 lbs. each beet pulp and alfalfa, 560 lbs. ensilage.

Mar.—403 lbs. grain same mixture as January; 186 lbs. each beet pulp and alfalfa.

Apr.—390 lbs. grain same mixture as January; 180 lbs. each beet pulp and alfalfa.

May—372 lbs. Union Grains; 93 lbs. beet pulp, 620 lbs. ensilage, 132 lbs. alfalfa to the 22d then pasture.

June—300 lbs. Union Grains; 120 lbs. beet pulp and alfalfa pasture.

July—279 lbs. grain: 135 lbs. Union Grains to the 15th, then 144 lbs. of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each hominy, gluten, and cottonseed meal; 155 lbs. beet pulp, 899 lbs. alfalfa.

Aug.—72 lbs. grain of the following mixture: 300 lbs. bran, 200 lbs. each hominy, gluten, and cottonseed meal, 400 lbs. ground oats; 45 lbs. beet pulp, 90 lbs. alfalfa.

5647 Upland's Ellen 55157

Sire Langwater Cavalier 21012 A. R.
Sire Dolly Dimple's May King of Langwater 12997 A. R.
Dam Langwater Daisy 22139 A. R. 1042.
Dam Ellen May Queen of Glenmore 33820 A. R. 3751.
Sire Lord Bay 14162.
Dam Imp. May Queen II. of les Padins 24832.
Breeder Frank P. Frazier, Ipswich, Mass.
Owner Frank P. Frazier, Ipswich, Mass.
Born June 24, 1914. *Calved* Aug. 10, 1916.
Served Dec. 4, 1916.
Requirement for admission: 258.80 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept. 16, 1916,	479.00	4.81	23.04
Oct., "	631.70	5.18	32.72
Nov., "	750.50	5.63	42.25
Dec., "	777.80	5.96	46.36
Jan., 1917,	795.10	5.79	46.04
Feb., "	744.10	5.99	44.57
Mar., "	842.00	6.23	52.46
Apr., "	795.00	6.28	49.93
May, "	861.50	6.15	52.98
June, "	831.70	6.69	55.64
July, "	1051.40	5.79	60.88
Aug., "	991.60	5.87	58.21
Sept. 15, "	471.40	5.87	27.67
Total	**10022.80**	**5.91 Av.**	**592.75**

Owner's Statement of Feed

Sept.—15 lbs. grain daily of the following mixture: 100 lbs. bran, 300 lbs. each corn meal and Ajax Flakes, 130 lbs. ground oats, 400 lbs. Unicorn Dairy Ration, 200 lbs. gluten; ensilage, green feed, and 12 lbs. alfalfa.

Oct.—15 lbs. grain daily of the following mixture: 100 lbs. bran, 300 lbs. each corn meal and Ajax Flakes, 400 lbs. each ground oats and Unicorn Dairy Ration, 200 lbs. gluten; mangels to the 25th then 30 lbs. ensilage, 12 lbs. rowen.

Nov.—15 lbs. grain daily of .89 lb. bran, 2.65 lbs. corn meal, 3.52 lbs. each ground oats and Unicorn Dairy Ration, 2.66 lbs. Ajax Flakes, and 1.76 lbs. gluten; 5 lbs. roots, 30 lbs. ensilage, 12 lbs. alfalfa.

Dec.—15.04 lbs. grain daily of .94 lb. each bran and oil meal, 2.82 lbs. each corn meal and Ajax Flakes, 1.88 lbs. each Schumacher Feed and gluten, and 3.76 lbs. Unicorn Dairy Ration; 1 pt. molasses from the 8th, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Jan.—14.943 lbs grain daily of .833 lb. bran, 2.49 lbs. each corn meal and Ajax Flakes, 3.32 lbs. each ground oats and Unicorn Dairy Ration, 1.66 lbs. gluten, and .83 lb. oil meal; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. mixed hay.

Feb.—Same grain ration as January; 1 qt. molasses, 30 lbs. ensilage, 12 lbs. alfalfa.

Mar.—15.77 lbs. grain daily same mixture as January with .83 lb. oil meal added; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 12 lbs. alfalfa.

Apr.—Same ration as given in March.

May—14.94 lbs. grain daily of .833 lb. bran, 2.49 lbs. each hominy and Ajax Flakes, 3.32 lbs. each ground oats and Tioga Feed, 1.66 lbs. gluten, and .83 lb. oil meal; 1 qt. molasses, 5 lbs. beet pulp, 30 lbs. ensilage, 15 lbs. alfalfa.

June—15 lbs. grain daily of the following mixture: 300 lbs. each hominy and Distillers' Grains, 400 lbs. each ground oats and Tioga Feed, 200 lbs. each gluten and oil meal; 5 lbs. beet pulp and 30 lbs. ensilage to the 20th then 15 lbs. beet pulp, 1 qt. molasses, green feed and pasture.

July—15 lbs. grain daily of the following mixture: 200 lbs. each bran, ground oats, and corn oil meal, 100 lbs. each corn meal, gluten, and oil meal, 300 lbs. Distillers' Grains; 1 qt. molasses, 15 lbs. beet pulp, green feed and pasture.

Aug.—Same grain ration as July; 1 pt. molasses, 15 lbs. beet pulp, 5 lbs. hay, green feed and pasture.

Sept.—Same ration as given in August.

5648 Imp. Cypress of Sarnia 53729

Sire Umpire of Quesnard R. A. A. S. 73 F. S.
Sire On Alderney.
Dam On Alderney.
Dam Princess of Quesnard II. R. A. A. S. 1097 P. S.
Sire Conqueror R. A. A. S. 71 F. S., A. R.
Dam Princess of Quesnard R. G. A. S. 4473 F. S., R. A. A. S. 578 F. S.
Breeder J. Godfray, Island of Alderney.
Owner Charles L. Hill, Rosendale, Wis.
Born July 30, 1912. *Calved* Sept. 18, 1916.
Served Mar. 21, 1917.
Requirement for admission: 329.40 lbs. butter fat.
Supervised under one day test by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class C

	Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept. 28, 1916,	95.50	5.75	5.49
Oct., "	1018.40	4.02	40.94
Nov., "	849.80	3.99	33.91
Dec., "	830.40	4.36	36.21
Jan., 1917,	815.60	4.18	34.09
Feb., "	730.90	4.82	35.23
Mar., "	760.00	4.57	34.73
Apr., "	684.60	4.81	32.93
May, "	731.80	5.31	38.86
June, "	711.40	4.59	32.65
July, "	674.10	6.00	40.45
Aug., "	607.40	5.24	31.83
Sept. 27, "	459.70	5.69	26.16
Total	**8969.60**	**4.72 Av.**	**423.48**

Owner's Statement of Feed

Sept.—4 to 6 lbs. grain daily of 1 part each bran and ground oats and 2 parts Unicorn Dairy Ration; green corn and pasture.

Oct.—10 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. hay, and pasture.

Nov.—9 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. hay.

Dec.—Same ration as given in November.

Jan.—9 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. hay.

Feb.—8 lbs. grain daily to the 17th same mixture as September, then 8 lbs. of 3 parts bran and 4 parts ground oats; 25 lbs. ensilage, 10 lbs. hay.

Mar.—10 lbs. grain daily same mixture as September; 25 lbs. ensilage, 10 lbs. hay.

Apr.—6 lbs. grain daily of equal parts bran and ground oats; 30 lbs. ensilage, 10 lbs. hay.

May—200 lbs. grain: 70 lbs. bran, 130 lbs. ground oats; 780 lbs. ensilage, 210 lbs. hay, pasture after the 26th.

June—195 lbs. grain: 60 lbs. each bran and ground oats, 70 lbs. Krause Dairy Feed, 5 lbs. oil meal; pasture.

July—260 lbs. Krause Dairy Feed; pasture.

Aug.—279 lbs. Krause Dairy Feed; pasture.

Sept.—220 lbs. grain: 50 lbs. ground oats, 160 lbs. Krause Dairy Feed, 5 lbs. each Schumacher Feed and oil meal; green corn and pasture.

5649 Tekla Rose 48146

Sire Penthesilia's Champion 18102 A. R.
Sire Old Glory 11188 A. R.
Dam Penthesilia 17625 A. R. 550.
Dam Queen Rosalie 28966.
Sire Salem's King 5362 A. R.
Dam Ivry Rosalia 12724.
Breeder Helendale Farms, Milwaukee, Wis.
Owner Helendale Farms, Milwaukee, Wis.
Born July 2, 1913. *Calved* May 16, 1916.
Requirement for admission: 282.60 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
May 20, 1916,	297.60	5.08	15.12
June, "	856.60	5.08	43.52
July, "	815.10	4.36	35.54
Aug., "	745.10	4.96	36.96
Sept., "	630.90	5.34	33.69
Oct., "	606.80	5.04	30.58
Nov., "	542.60	5.37	29.14
Dec., "	571.80	5.42	30.99
Jan., 1917,	545.10	5.13	27.96
Feb., "	484.10	5.02	24.30
Mar., "	535.80	4.91	26.31
Apr., "	526.20	4.89	25.73
May 19, "	343.20	4.73	16.23
Total	**7500.90**	**5.01 Av.**	**376.07**

Owner's Statement of Feed

May—8 lbs. grain daily of .8 lb. each corn meal, ground oats, and oil meal, 2.4 lbs. Ajax Flakes, and 3.2 lbs. ground clover and alfalfa; 2 lbs. beet pulp, clover and blue grass pasture.

June—9 lbs. grain daily of 1 lb. each ground oats and oil meal, 3 lbs. Ajax Flakes, and 4 lbs. ground clover and alfalfa; clover and blue grass pasture.

July—9 lbs. grain daily of 3.6 lbs. bran, .9 lb. each corn meal and oil meal, and 1.8 lbs. each ground oats and Ajax Flakes; clover and blue grass pasture.

Aug.—9 lbs. grain daily of 2.7 lbs. each bran and Ajax Flakes, .9 lb. each corn meal and cottonseed meal, and 1.8 lbs. ground oats; clover and blue grass pasture.

Sept.—9 lbs. grain daily of 1.8 lbs. each bran, ground oats, and ground barley, 2.7 lbs. Ajax Flakes, and .9 lb. oil meal; 10 lbs. ensilage, alfalfa and clover hay, clover pasture.

Oct.—10 lbs. grain daily of 2 lbs. ground oats, 1 lb. ground barley, 4 lbs. ground clover and alfalfa, 2.5 lbs. Ajax Flakes, and .5 lb. oil meal; 3 lbs. beet pulp, 30 lbs. ensilage, mixed clover and alfalfa hay.

Nov.—8 lbs. grain daily of .8 lb. each ground oats and ground barley, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 2 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa hay.

Dec.—9.2 lbs. grain daily of .9 lb. ground oats, 1.8 lbs. ground barley, 2.4 lbs. Ajax Flakes, 3.6 lbs. ground clover and alfalfa, and .5 lb. oil meal; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa hay.

Jan.—8 lbs. grain daily of .8 lb. each ground oats and ground barley, 2 lbs. Ajax Flakes, 4 lbs. ground clover and alfalfa, and .4 lb. oil meal; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and alfalfa hay.

Feb.—8.7 lbs. grain daily of .9 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, 3.6 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Mar.—9 lbs. grain daily of .9 lb. each ground oats, ground barley, and gluten, 2.7 lbs. Ajax Flakes, and 3.6 lbs. ground clover; 3 lbs. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

Apr.—8 lbs. grain daily of .8 lb. each ground oats, ground barley, and gluten, 2.4 lbs. Ajax Flakes, 3.2 lbs. ground clover and alfalfa; 4 lbs. beet pulp, 30 lbs. ensilage, mixed clover and timothy hay.

May—6 lbs. grain daily of .6 lb. each ground oats, ground barley, and gluten, 1.8 lbs. Ajax Flakes, and 2.4 lbs. ground clover and alfalfa; 1 lb. beet pulp, 25 lbs. ensilage, mixed clover and timothy hay.

5650 Bonnie of Tristram Farm 54747

Sire Peerless Oaklawn 20978.
Sire Fairy's Good Luck 12757.
Dam Verra Eleata Dewdrop 26587.
Dam Winsome of L. View 43712 A. R. 5133.
Sire Imp. Captain Parry VII. 12177 A. R.
Dam Candy Girl 36153.
Breeder Albert E. Harris, Chippewa Falls, Wis.
Owner W. K. Coffin, Eau Claire, Wis.
Born June 7, 1914. *Calved* July 3, 1916.
Served Dec. 12, 1916.
Requirement for admission: 253.40 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
July 7, 1916,	629.10	3.89	24.47
Aug., "	701.90	4.00	28.08
Sept., "	664.00	4.40	29.22
Oct., "	646.80	4.30	27.81
Nov., "	599.20	4.55	27.26
Dec., "	621.60	4.55	28.28
Jan., 1917,	529.10	5.12	27.09
Feb., "	508.10	4.96	25.20
Mar., "	411.80	5.60	23.06
Apr., "	349.80	5.63	19.69
May, "	377.90	5.28	19.95
June, "	372.90	5.15	19.20
July 6, "	71.20	5.15	3.67
Total	**6483.40**	**4.67 Av.**	**302.98**

Owner's Statement of Feed

July—12 lbs. grain daily of equal parts bran, ground corn and oats, Ajax Flakes, and oil meal; grass and hay.

Aug.—12 lbs. grain daily of equal parts bran, ground corn and oats, International Dairy Feed, and oil meal; green corn fodder and hay.

Sept.—13.5 lbs. grain daily of 3 lbs. each bran and oil meal, 1.5 lbs. ground oats, and 6 lbs. International Dairy Feed; 20 lbs. ensilage, mixed hay and pasture.

Oct.—Same ration as given in September.

Nov.—12 lbs. grain daily of 3 lbs. each bran and molasses feed, 4.5 lbs. ground oats, 1.5 lbs. oil meal; 25 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

Jan.—12 lbs. grain daily of the following mixture: .75 lb. bran, 1.25 lbs. ground oats, 1.5 lbs. International Dairy Feed, 1 lb. oil meal; 20 lbs. ensilage, 8 lbs. mixed hay.

Feb.—13.5 lbs. grain daily of 1.5 lbs. each ground corn and ground oats, 3 lbs. oil meal, and 7.5 lbs. of 1 part bran and 2 parts Unicorn Dairy Ration; 10 lbs. mixed hay.

Mar.—10 lbs. Unicorn Dairy Ration daily; mixed hay.

Apr.—10 lbs. grain daily of 1 part each bran and International Dairy Feed and 2 parts Unicorn Dairy Ration; ensilage and timothy hay.

May—Same ration as April to the 15th, then 9 lbs. grain daily of 4 parts bran and 1 part each cottonseed meal and oil meal; pasture.

June—7.5 lbs. grain daily of 2 parts bran, 4 parts each ground corn and ground oats, and 1 part oil meal; pasture.

July—Same ration as given in June.

5651 Roparry 37819

Sire Imp. Captain Parry VII. 12177 A. R.
Sire Renown of the Gâchères R. G. A. S. 1562 P. S.
Dam Petite IX. R. G. A. S. 5687 P. S.
Dam Ro of Home Farm 23827.
Sire Dido's Aeneas 8675.
Dam Ro 17969.
Breeder The Menomonie Land Co., Menomonie, Wis.
Owner W. K. Coffin, Eau Claire, Wis.
Born Sept. 9, 1910. *Calved* July 4, 1916.
Served Dec. 14, 1916.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
July 8, 1916,	695.20	4.74	32.95
Aug., "	977.50	5.32	52.00
Sept., "	777.10	5.41	42.04
Oct., "	725.70	6.06	43.98
Nov., "	628.30	6.41	40.27
Dec., "	610.50	6.66	40.66
Jan., 1917,	555.10	6.30	34.97
Feb., "	578.90	5.62	32.53
Mar., "	556.50	6.32	35.17
Apr., "	578.90	5.96	34.50
May, "	654.30	5.67	37.10
June, "	655.40	6.02	39.46
July 7, "	159.90	6.02	9.63
Total	**8153.30**	**5.83 Av.**	**475.26**

Owner's Statement of Feed

July—15 lbs. grain daily of 3 lbs. each bran, ground corn and oats, and oil meal and 6 lbs. Ajax Flakes; grass and hay.

Aug.—15 lbs. grain daily of 4.5 lbs. each bran and oil meal, 3 lbs. each ground (corn and oats) and International Dairy Feed; green corn fodder and hay.

Sept.—15 lbs. grain daily of 3 lbs. each bran, ground oats, and oil meal and 6 lbs. International Dairy Feed; 20 lbs. ensilage, mixed hay and pasture.

Oct.—Same ration as given in September.

Nov.—12 lbs. grain daily of 1.5 lbs. bran, 3 lbs. each ground oats and oil meal, and 4.5 lbs. molasses feed; 30 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

Jan.—15 lbs. grain daily of 3 lbs. bran, 1.5 lbs. ground oats, 4.5 lbs. oil meal, and 6 lbs. International Dairy Feed; 25 lbs. ensilage, 10 lbs. mixed hay.

Feb.—16.5 lbs. grain daily of 1.5 lbs. ground oats, 3 lbs. oil meal, and 12 lbs. of 1 part bran and 2 parts Unicorn Dairy Ration; 12 lbs. mixed hay.

Mar.—15 lbs. grain daily of 1 part each bran and ground oats and 2 parts Unicorn Dairy Ration; mixed hay.

Apr.—Same ration as given in March.

May—Same ration as March to the 15th, then 9 lbs. of 4 parts bran and 1 part each corn meal and oil meal; pasture.

June—9 lbs. grain daily of 2 parts bran, 4 parts each ground corn and ground oats, and 1 part oil meal; pasture.

July—Same ration as given in June.

5652 Imp. Deb of Sarnia 65387

Sire Bob of La Haye du Puits R. G. A. S. 2963 P. S.
Sire Imp. The Conqueror III. 19815 A. R.
Dam Bella des Raies R. G. A. S. 3563 F. S.
Dam Hubits Maid R. G. A. S. 3702 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder W. Traegar, Island of Guernsey.
Owner W. K. Coffin, Eau Claire, Wis.
Born Nov. 28, 1913. *Calved* July 25, 1916.
Served Jan. 17, 1917.
Requirement for admission: 276.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class F

	Milk	Butter Fat	
	lbs.	%	lbs.
Aug. 11, 1916,	597.20	4.71	28.13
Sept., "	788.00	4.99	39.32
Oct., "	796.60	4.73	37.68
Nov., "	769.00	5.04	38.76
Dec., "	791.30	4.91	38.85
Jan., 1917,	712.40	5.00	35.62
Feb., "	670.50	5.09	34.13
Mar., "	663.40	5.09	33.77
Apr., "	603.20	5.22	31.49
May, "	621.30	4.84	30.07
June, "	645.00	4.85	31.28
July, "	741.40	4.72	34.99
Aug. 10, "	208.50	4.72	9.84
Total	**8607.80**	**4.92 Av.**	**423.93**

Owner's Statement of Feed

Aug.—12.5 lbs. grain daily of 3 lbs. each bran, ground corn and oats, and International Dairy Feed, 3.5 lbs. oil meal; green corn fodder and hay.

Sept.—15 lbs. grain daily of 3 lbs. each bran, ground oats, and oil meal and 6 lbs. International Dairy Feed; pasture.

Oct.—Same ration as given in September.

Nov.—15 lbs. grain daily of 3 lbs. bran, 1.5 lbs. ground oats, 4.5 lbs. oil meal, and 6 lbs. molasses feed; 25 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

Jan.—15 lbs. grain daily of 1.5 lbs. bran, 2.25 lbs. ground oats, 7.5 lbs. International Dairy Feed, and 3.75 lbs. oil meal; 25 lbs. ensilage, 10 lbs. mixed hay.

Feb.—15 lbs. grain daily of 10.5 lbs. of (1 part bran and 2 parts Unicorn Dairy Ration), 1.5 lbs. ground oats, and 3 lbs. oil meal; 12 lbs. mixed hay.

Mar.—13 lbs. grain daily of 1 part each bran and ground oats and 2 parts Unicorn Dairy Ration; mixed hay.

Apr.—Same ration as given in March.

May—Same ration as March to the 15th, then 9 lbs. of 4 parts bran and 1 part each corn meal and oil meal; pasture.

June—9 lbs. grain daily of 2 parts bran, 4 parts each ground corn and ground oats, and 1 part oil meal; pasture.

July—Same ration as given in June.

Aug.—Same ration as given in June.

5653 Imp. Economy of Sarnia 65365

Sire Nelson of the Cachelière R. A. A. S. 174 P. S.
Sire Imp. Chieftain of Les Chevaliers 18419 A. R.
Dam Primrose of Cachelière R. A. A. S. 542 F. S.
Dam Flora R. A. A. S. 428 F. S.
Sire On Alderney.
Dam On Alderney.
Breeder P. Herivel, Island of Alderney.
Owner W. K. Coffin, Eau Claire, Wis.
Born Feb. 25, 1914. *Calved* July 28, 1916.
Served Jan. 21, 1917.
Requirement for admission: 267.10 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Aug. 11, 1916,	556.00	3.84	21.35
Sept., "	715.30	3.85	27.54
Oct., "	710.00	4.37	31.03
Nov., "	647.80	4.49	29.09
Dec., "	653.50	4.18	27.32
Jan., 1917,	610.30	4.57	27.89
Feb., "	566.20	4.44	25.14
Mar., "	606.10	4.63	28.06
Apr., "	545.60	4.82	26.30
May, "	572.70	4.59	26.29
June, "	590.90	4.58	27.06
July, "	669.50	4.63	31.00
Aug. 10, "	192.80	4.63	8.93
Total	**7636.70**	**4.41 Av.**	**337.00**

Owner's Statement of Feed

Aug.—12 lbs. grain daily of equal parts bran, ground corn and oats, International Dairy Feed, and oil meal green corn fodder and hay.

Sept.—13.5 lbs. grain daily of 3 lbs. each bran, ground oats, and oil meal and 4.5 lbs. International Dairy Feed; ensilage, mixed hay, and pasture.

Oct.—Same ration as given in September.

Nov.—12 lbs. grain daily of 1.5 lbs. bran, 3 lbs. each ground oats and oil meal, and 4.5 lbs. molasses feed; 25 lbs. ensilage, 10 lbs. mixed clover and timothy hay.

Dec.—Same ration as given in November.

Jan.—13.5 lbs. grain daily of 2.25 lbs. bran, 3.75 lbs. ground oats, 4.5 lbs. International Dairy Feed, and 3 lbs. oil meal; 20 lbs. ensilage, 8 lbs. mixed hay.

Feb.—15 lbs. grain daily of 10.5 lbs. of (1 part bran and 2 parts Unicorn Dairy Ration), 1.5 lbs. ground corn, and 3 lbs. oil meal; 10 lbs. mixed hay.

Mar.—12 lbs. grain daily of 1 part each bran and ground oats and 2 parts Unicorn Dairy Ration; mixed hay.

Apr.—Same ration as given in March.

May—Same ration as March to the 15th, then 9 lbs. of 4 parts bran and 1 part each corn meal and oil meal; pasture.

June—9 lbs. grain daily of 2 parts bran, 4 parts each corn and oats, and 1 part oil meal; pasture.

July—Same ration as given in June.

Aug.—Same ration as given in June.

5654 Yeksanette 42600

Sire Increase 12459 A. R.
Sire Skeezicks 9979 A. R.
Dam Lily of Helendale 16915 A. R. 537.
Dam Pattinette 26837 A. R. 5655.
Sire Guydette, Jr. 11405 A. R.
Dam Madame Patti 7821 A. R. 332.
Breeder Helendale Farms, Milwaukee, Wis.
Owner A. O. Oleson, Livingston, Wis.
Born Dec. 4, 1912. *Calved* Sept. 26, 1916.
Served Sept. 17, 1917.
Requirement for admission: 316.70 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class D

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 28, 1916,	73.50	4.65	3.42
Oct., "	1011.00	4.65	47.01
Nov., "	1132.60	5.03	56.97
Dec., "	1150.60	5.03	57.88
Jan., 1917,	1075.10	5.27	56.66
Feb., "	908.00	5.71	51.85
Mar., "	1024.20	5.34	54.69
Apr., "	952.70	5.19	49.45
May, "	971.80	5.51	53.55
June, "	902.70	5.36	48.38
July, "	846.10	4.90	41.46
Aug., "	710.70	5.19	36.89
Sept. 27, "	521.90	5.83	30.43
Total	**11280.90**	**5.22 Av.**	**588.64**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and gluten, 3 parts Unicorn Dairy Ration, and 1 part oil meal; 20 lbs. ensilage, alfalfa and pasture.

Oct.—Same ration as given in September.

Nov.—9 lbs. grain daily of 4 parts each bran, Mystic mixed feed, Unicorn Dairy Ration, and gluten feed and 1 part oil meal; 25 lbs. ensilage, clover hay.

Dec.—10.5 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and Krause Dairy Feed and 1 part oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Jan.—Same grain ration as December; 30 lbs. ensilage, clover hay.

Feb.—10 lbs. grain daily to the 19th of 1 part bran, 2 parts each Krause Dairy Ration and Unicorn Dairy Ration, and .25 part oil meal, then 10 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa and mixed hay.

Mar.—10 lbs. grain daily, 6 lbs. Unicorn Dairy Ration with 4 lbs. Mystic mixed feed changed to 4 lbs. Krause Dairy Ration on the 25th; 30 lbs. ensilage, alfalfa and mixed hay.

Apr.—10 lbs. grain daily to the 19th of 4 lbs. Krause Dairy Feed and 6 lbs. Unicorn Dairy Ration, then 10 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, alfalfa and mixed hay.

May—10 lbs. grain daily to the 15th of 4 lbs. ground oats and 6 lbs. Unicorn Dairy Ration, then 8 lbs. of equal parts ground oats and Unicorn Dairy Ration; mixed hay and pasture.

June—6 lbs. grain daily of equal parts Mystic mixed feed and Unicorn Dairy Ration; pasture.

July—4 lbs. grain daily same mixture as June; pasture.

Aug.—6 lbs. grain daily of equal parts bran and Unicorn Dairy Ration; alfalfa and pasture.

Sept.—4 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; green corn, alfalfa, and pasture.

5655 Pattinette 26837

Sire Guydette, Jr. 11405 A. R.
Sire Guydette 3966 A. R.
Dam Peach O. K. 12994 A. R. 554.
Dam Madame Patti 7821 A. R. 332.
Sire Benjamin 1931 A. R.
Dam Patti 4924.
Breeder Helendale Farms, Milwaukee, Wis.
Owner A. O. Oleson, Livingston, Wis.
Born Oct. 22, 1908. *Calved* Sept. 24, 1916.
Served Aug. 20, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 26, 1916,	180.50	5.29	9.55
Oct., "	1383.10	5.20	71.92
Nov., "	1422.00	4.86	69.11
Dec., "	1366.50	4.90	66.96
Jan., 1917,	1283.50	5.21	66.87
Feb., "	1037.80	5.44	56.46
Mar., "	1131.30	5.13	58.04
Apr., "	1026.90	4.99	51.24
May, "	932.60	5.20	48.50
June, "	819.00	5.16	42.26
July, "	698.70	4.72	32.98
Aug., "	545.60	5.75	31.37
Sept. 25, "	360.20	5.48	19.74
Total	**12187.70**	**5.13 Av.**	**625.00**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and gluten feed and 1 part oil meal; 25 lbs. ensilage, alfalfa.

Oct.—9 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and gluten, 3 parts Unicorn Dairy Ration, and 1 part oil meal; 30 lbs. ensilage, alfalfa and pasture.

Nov.—12 lbs grain daily of the following mixture: 4 parts each bran, Mystic mixed feed, Unicorn Dairy Ration, and gluten feed and 1 part oil meal; 30 lbs. ensilage, clover hay.

Dec.—12 lbs. grain daily of the following mixture: 4 parts each bran, Mystic mixed feed, and Krause Dairy Feed and 1 part oil meal; 30 lbs. ensilage, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—12 lbs. grain daily to the 19th of 1 part bran, 2 parts each Krause Dairy Ration and Unicorn Dairy Ration, and .25 part oil meal, then 12 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa and mixed hay.

Mar.—12 lbs. grain daily, 8 lbs. Unicorn Dairy Ration daily with 4 lbs. Mystic mixed feed changed to 4 lbs. Krause Dairy Ration on the 25th; 30 lbs. ensilage, alfalfa and mixed hay.

Apr.—12 lbs. grain daily to the 19th of equal parts Krause Dairy Ration and Unicorn Dairy Ration, then 12 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa and mixed hay.

May—10 lbs. grain daily to the 15th of 4 lbs. ground oats and 6 lbs. Unicorn Dairy Ration, then 8 lbs. of equal parts ground oats and Unicorn Dairy Ration; mixed hay and pasture.

June—6 lbs. grain daily of equal parts Mystic mixed feed and Unicorn Dairy Ration; pasture.

July—4 lbs. grain daily same mixture as June; pasture.

Aug.—6 lbs. grain daily of equal parts bran and Unicorn Dairy Ration; alfalfa and pasture.

Sept.—4 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; alfalfa and pasture.

5656 Missy Willow 33889

Sire Endymion 8916 A. R.
Sire Guydette 3966 A. R.
Dam Lindenora 12754 A. R. 711.
Dam Will o' the Wisp 24442 A. R. 1410.
Sire Buckthorn 4781 A. R.
Dam Benwen 13563.
Breeder Helendale Farms, Milwaukee, Wis.
Owner A. O. Oleson, Livingston, Wis.
Born May 31, 1910. *Calved* Sept. 20, 1916.
Served Mar. 20, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 23, 1916,	331.20	5.19	17.19
Oct., "	1329.30	4.28	56.89
Nov., "	1258.90	4.72	59.42
Dec., "	1246.40	4.64	57.83
Jan., 1917,	1048.10	5.30	55.55
Feb., "	851.50	5.07	43.17
Mar., "	935.30	4.79	44.80
Apr., "	785.80	4.75	37.33
May, "	753.10	5.50	41.42
June, "	770.30	4.90	37.74
July, "	704.40	4.96	34.94
Aug., "	596.10	5.32	31.71
Sept. 22, "	402.10	5.46	21.95
Total	**11012.50**	**4.90 Av.**	**539.94**

Owner's Statement of Feed

Sept.—7 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and gluten, 3 parts Unicorn Dairy Ration, and 1 part oil meal; 25 lbs. ensilage, 8 lbs. alfalfa, pasture.

Oct.—9 lbs. grain daily same mixture as September; 30 lbs. ensilage, alfalfa.

Nov.—12 lbs. grain daily of 4 parts each bran, Mystic mixed feed, Unicorn Dairy Ration, and gluten and 1 part oil meal; 30 lbs. ensilage, clover hay.

Dec.—12 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and Krause Dairy Feed and 1 part oil meal; 30 lbs. ensilage, alfalfa and clover hay.

Jan.—Same ration as given in December.

Feb.—12 lbs. grain daily to the 19th of 1 part bran, 2 parts each Krause Dairy Ration and Unicorn Dairy Ration, and .25 part oil meal, then 12 lbs. Unicorn Dairy Ration daily; 30 lbs. ensilage, alfalfa and mixed hay.

Mar.—12 lbs. grain daily, 8 lbs. Unicorn Dairy Ration with 4 lbs. Mystic mixed feed changed to 4 lbs. Krause Dairy Ration on the 25th; 30 lbs. ensilage, alfalfa and mixed hay.

Apr.—10 lbs. grain daily to the 19th of 4 lbs. Krause Dairy Feed and 6 lbs. Unicorn Dairy Ration, then 10 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, alfalfa and mixed hay.

May—10 lbs. grain daily to the 15th of 4 lbs. ground oats and 6 lbs. Unicorn Dairy Ration, then 8 lbs. of equal parts ground oats and Unicorn Dairy Ration; mixed hay and pasture.

June—4 lbs. grain daily of equal parts Unicorn Dairy Ration and Mystic mixed feed; pasture.

July—Same ration as given in June.

Aug.—6 lbs. grain daily of equal parts bran and Unicorn Dairy Ration; alfalfa and pasture.

Sept.—4 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; green corn, alfalfa, and pasture.

5657 Patti of Helendale 23105

Sire Lord Roberts of Wheaton 7252 A. R.
Sire Standard 4652 A. R.
Dam Morn 5947 A. R. 343.
Dam Madame Patti 7821 A. R. 332.
Sire Benjamin 1931 A. R.
Dam Patti 4924.
Breeder Fred Rietbrock, Milwaukee, Wis.
Owner A. O. Oleson, Livingston, Wis.
Born Apr. 28, 1907. *Calved* Aug. 11, 1916.
Served Feb. 9, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class A

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Aug.	20, 1916,	373.00	4.75	17.72
Sept.,	"	872.20	4.75	41.43
Oct.,	"	869.00	4.85	42.15
Nov.,	"	688.60	5.43	37.39
Dec.,	"	756.90	5.11	38.68
Jan.,	1917,	671.10	5.42	36.37
Feb.,	"	583.60	5.36	31.28
Mar.,	"	650.70	5.09	33.12
Apr.,	"	600.80	5.00	30.04
May,	"	633.50	5.23	33.13
June,	"	596.40	5.23	31.19
July,	"	568.00	5.33	30.27
Aug.	19, "	297.60	5.67	16.87
	Total	**8161.40**	**5.14 Av.**	**419.64**

Owner's Statement of Feed

Aug.—6 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; 20 lbs. ensilage, alfalfa and pasture.

Sept.—Same ration as given in August.

Oct.—6 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and gluten and 3 parts each Unicorn Dairy Ration and oil meal; 20 lbs. ensilage, alfalfa and pasture.

Nov.—6 lbs. grain daily to the 10th, 3 lbs. from the 11th to the 15th, then 6 lbs., of 4 parts each bran, Mystic mixed feed, Unicorn Dairy Ration, and gluten feed and 1 part oil meal; 20 lbs. ensilage, clover hay.

Dec.—6 lbs. grain daily of 4 parts each bran, Mystic mixed feed, and Krause Dairy Feed and 1 part oil meal; 25 lbs. ensilage, alfalfa and clover hay.

Jan.—Same grain ration as December; 30 lbs. ensilage, clover hay.

Feb.—6 lbs. grain daily to the 19th of the following mixture: 1 part bran, 2 parts each Krause Dairy Ration and Unicorn Dairy Ration, and .25 part oil meal, then 6 lbs. Unicorn Dairy Ration daily; 25 lbs. ensilage, alfalfa and mixed hay.

Mar.—6 lbs. grain daily, to the 25th of 4 lbs. Unicorn Dairy Ration and 2 lbs. Mystic mixed feed, then of 4 lbs. Unicorn Dairy Ration and 2 lbs. Krause Dairy Ration; 25 lbs. ensilage, alfalfa and mixed hay.

Apr.—4 lbs. grain daily to the 19th of 2 lbs. each Krause Dairy Ration and Unicorn Dairy Ration, then 4 lbs. Unicorn Dairy Ration daily; 20 lbs. ensilage, alfalfa and mixed hay.

May—6 lbs. grain daily to the 15th of 2 lbs. ground oats and 4 lbs. Unicorn Dairy Ration, then 4 lbs. grain daily of equal parts ground oats and Unicorn Dairy Ration; mixed hay and pasture.

June—2 lbs. grain daily of equal parts Mystic mixed feed and Unicorn Dairy Ration; pasture.

July—Same ration as given in June.

Aug.—4 lbs. grain daily of equal parts bran and Unicorn Dairy Ration; alfalfa and pasture.

5658 Imp. Dulcis of Sarnia 65360

Sire Imp. Alderney Raymond 26357 A. R.
Sire Masher R. A. A. S. 63 F. S., A. R.
Dam Lively II. R. A. A. S. 346 F. S.
Dam Nellie II. R. A. A. S. 839 P. S.
Sire Duke R. A. A. S. 65 F. S.
Dam Nellie R. A. A. S. 362 F. S.
Breeder E. Parmentier, Island of Alderney.
Owner Victor F. Lawson, Green Lake, Wis.
Born Sept. 2, 1913. *Calved* Aug. 21, 1916.
Served Feb. 28, 1917.
Requirement for admission: 289.80 lbs. butter fat.
Supervised by Wisconsin Agricultural Experiment Station.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Oct.	1, 1916,	682.10	4.62	31.51
Nov.,	"	691.80	4.62	31.96
Dec.,	"	659.00	4.85	31.96
Jan.,	1917,	630.80	5.10	32.17
Feb.,	"	563.10	5.05	28.44
Mar.,	"	589.40	4.71	27.76
Apr.,	"	568.10	4.72	26.81
May,	"	580.10	4.80	27.84
June,	"	630.10	4.67	29.43
July,	"	558.90	4.84	27.05
Aug.,	"	473.90	4.76	22.56
Sept.	30, "	433.50	5.17	22.41
	Total	**7060.80**	**4.81 Av.**	**339.90**

Owner's Statement of Feed

Oct.—248 lbs. grain of the following mixture: 200 lbs. bran, 100 lbs. each corn meal and Unicorn Dairy Ration; 744 lbs. ensilage, 620 lbs. hay.

Nov.—180 lbs. grain of the following mixture: 200 lbs. bran, 100 lbs. each corn meal, ground oats, and Unicorn Dairy Ration; 450 lbs. roots, 180 lbs. alfalfa, 558 lbs. hay.

Dec.—186 lbs. grain: 120 lbs. to the 20th of the following mixture: 100 lbs. each corn meal and ground oats, 200 lbs. Unicorn Dairy Ration, then 66 lbs. same mixture with 30 lbs. oil meal added; 465 lbs. roots, 744 lbs. ensilage, 332 lbs. alfalfa, 252 lbs. hay.

Jan.—186 lbs. grain same mixture as last of December with 20 lbs. oil meal added; 465 lbs. roots, 744 lbs. ensilage, 400 lbs. alfalfa, 172 lbs. hay.

Feb.—168 lbs. grain of the following mixture: 100 lbs. corn meal, 200 lbs. Unicorn Dairy Ration, 75 lbs. oil meal; 728 lbs. ensilage, 280 lbs. alfalfa, 336 lbs. hay.

Mar.—186 lbs. grain: 102 lbs. to the 17th of the following mixture: 100 lbs. each corn meal, ground oats, and oil meal, 200 lbs. Unicorn Dairy Ration, then 84 lbs. of 50 lbs. each corn meal and oil meal, 200 lbs. each ground oats and Unicorn Dairy Ration; 772 lbs. ensilage, alfalfa, 284 lbs. hay.

Apr.—180 lbs. grain same mixture as last of March; 780 lbs. ensilage, 240 lbs. hay.

May—186 lbs. grain of the following mixture: 100 lbs. each corn meal and oil meal, 200 lbs. each ground oats and Unicorn Dairy Ration; 744 lbs. ensilage, alfalfa.

June—120 lbs. grain of the following mixture: 100 lbs. bran, 50 lbs. each corn meal and oil meal, 200 lbs. each ground oats and Unicorn Dairy Ration; 240 lbs. ensilage and pasture.

July—124 lbs. grain same mixture as June; 124 lbs. ensilage and pasture.

Aug.—124 lbs. grain of the following mixture: 100 lbs. bran, 50 lbs. corn meal, 200 lbs. each ground oats and Unicorn Dairy Ration, 75 lbs. oil meal; 558 lbs. ensilage and pasture.

Sept.—120 lbs. grain: 64 lbs. to the 16th same mixture as June, then 56 lbs. of 100 lbs. each corn meal and ground oats, 300 lbs. Unicorn Dairy Ration; 600 lbs. ensilage, mixed clover pasture.

5659 Roberts' Fanny of Fritzlyn 45652

Sire Imp. Roberts' Golden Noble 21673.
Sire Imp. Roberts' Boy 21662 A. R.
Dam Queen II. of the Rouvets R. G. A. S. 8551 P. S.
Dam Raymond's Fanny of Fritzlyn 36833.
Sire Imp. Raymond of Saints 13839.
Dam Imp. Fanny's Sequel's Daisy 27566 A. R. 1711.
Breeder William F. Fretz, Pipersville, Pa.
Owner William F. Fretz, Pipersville, Pa.
Born Apr. 4, 1913. *Calved* Sept. 8, 1916.
Served Jan. 10, 1917.
Requirement for admission: 303.10 lbs. butter fat.
Supervised under one day test by The National Farm School, Farm School, Pa.

Official Year's Record, Class E

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Sept.	13, 1916,	487.70	4.80	23.41
Oct.,	"	831.90	4.77	39.68
Nov.,	"	759.90	4.46	33.89
Dec.,	"	737.10	4.96	36.56
Jan.,	1917,	715.40	5.74	41.06
Feb.,	"	607.30	5.25	31.88
Mar.,	"	618.30	5.11	31.60
Apr.,	"	619.10	5.58	34.55
May,	"	604.20	5.38	32.51
June,	"	550.70	5.62	30.95
July,	"	382.40	6.86	26.23
Aug.,	"	230.10	5.85	13.46
Sept.	12, "	70.30	6.69	4.70
	Total	**7214.40**	**5.27 Av.**	**380.48**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of 2.5 parts Ajax Flakes, 1 part Schumacher Feed, and 3 parts Unicorn Dairy Ration; 30 lbs. ensilage, 10 lbs. hay.

Oct.—8 lbs. grain increased .3 lb. daily of 2 parts bran, 2.5 parts Ajax Flakes, 3 parts Unicorn Dairy Ration, and 1 part each Schumacher Feed and oil meal; 1 lb. beet pulp, 30 lbs. ensilage, 6 to 10 lbs. mixed hay.

Nov.—13 lbs. grain daily of 4 parts each bran and Ajax Flakes, 2 parts each hominy, Schumacher Feed, Unicorn Dairy Ration, and gluten and 1.5 parts oil meal; 1 lb. beet pulp, 30 lbs. ensilage, 8 lbs. mixed hay.

Dec.—13 lbs. grain daily same mixture as November with 1.5 parts cottonseed meal added; 30 lbs. ensilage, 6 to 8 lbs. hay.

Jan.—10.5 lbs. grain daily same mixture as December; 30 lbs. ensilage, 8 lbs. hay.

Feb.—10 lbs. grain daily same mixture as December; 25 lbs. ensilage, 5 lbs. mixed hay.

Mar.—Same ration as given in February.

Apr.—9 lbs. grain daily of 3 parts each bran, cottonseed meal, and oil meal, 4 parts each hominy, Unicorn Dairy Ration, and gluten, 5 parts Ajax Flakes, and 2 parts Schumacher Feed; 30 lbs. ensilage, 10 lbs. hay.

May—8 lbs. grain daily of 5 parts each bran, Ajax Flakes, and Unicorn Dairy Ration, 4 parts each hominy and gluten, 3 parts each cottonseed meal and oil meal; 30 lbs. ensilage, 10 lbs. hay.

June—Same grain ration as May; 25 lbs. ensilage, 5 lbs. hay, and pasture.

July—6 lbs. grain daily same mixture as May; 20 lbs. ensilage, 5 lbs. hay, and pasture.

Aug.—8 lbs. grain daily of 1 part each bran, Schumacher Feed, and gluten, 1.25 parts Ajax Flakes, 3 parts Unicorn Dairy Ration, .5 part each cottonseed meal and oil meal; 25 lbs. ensilage, 5 lbs. hay, and pasture.

Sept.—Same ration as given in August.

5660 Trequean Rose of Fritzlyn 51343

Sire Imp. Roberts' Golden Noble 21673 A. R.
Sire Imp. Roberts' Boy 21662 A. R.
Dam Queen II. of the Rouvets R. G. A. S. 8551 P. S.
Dam Imp. Trequean Rose 35569 A. R. 3800.
Sire King of the Vaugrat 2047 E. G. H. B., R. G. A. S. 339 F. S.
Dam Marais Rose 2d 7368 E. G. H. B., R. G. A. S. 7392 P. S.
Breeder William F. Fretz, Pipersville, Pa.
Owner William F. Fretz, Pipersville, Pa.
Born May 1, 1914. *Calved* Sept. 21, 1916.
Served Apr. 4, 1917.
Requirement for admission: 265.70 lbs. butter fat.
Supervised under one day test by The National Farm School, Farm School, Pa.

Official Year's Record, Class G

		Milk lbs.	Butter Fat %	Butter Fat lbs.
Oct.	1, 1916,	641.00	4.33	27.76
Nov.,	"	576.60	5.03	29.00
Dec.,	"	493.70	4.98	24.59
Jan.,	1917,	452.20	5.31	24.01
Feb.,	"	375.10	5.56	20.86
Mar.,	"	400.00	5.80	23.20
Apr.,	"	418.10	5.81	24.29
May,	"	457.30	6.55	29.95
June,	"	415.00	6.34	26.31
July,	"	370.00	6.98	25.83
Aug.,	"	333.30	4.97	16.57
Sept.	30, "	270.70	6.02	16.30
	Total	**5203.00**	**5.55 Av.**	**288.67**

Owner's Statement of Feed

Oct.—8 lbs. grain daily of 2 parts bran, 2.5 parts Ajax Flakes, 3 parts Unicorn Dairy Ration, and 1 part each Schumacher Feed and oil meal; 30 lbs. ensilage, 6 to 10 lbs. mixed hay.

Nov.—9.5 lbs. grain daily of 4 parts each bran and Ajax Flakes, 2 parts each hominy, Schumacher Feed, Unicorn Dairy Ration, and gluten and 1.5 parts oil meal; 30 lbs. ensilage, 8 lbs. mixed hay.

Dec.—9 lbs. grain daily same mixture as November with 1.5 parts cottonseed meal added; 30 lbs. ensilage, 6 to 8 lbs. hay.

Jan.—8 lbs. grain daily same mixture as December; 30 lbs. ensilage, 8 lbs. hay.

Feb.—7 lbs. grain daily same mixture as December; 25 lbs. ensilage, 5 lbs. mixed hay.

Mar.—Same ration as given in February.

Apr.—9 lbs. grain daily of 3 parts each bran, cottonseed meal, and oil meal, 4 parts each hominy, Unicorn Dairy Ration, and gluten, 5 parts Ajax Flakes, and 2 parts Schumacher Feed; 30 lbs. ensilage, 10 lbs. hay.

May—10 lbs. grain daily of 5 parts each bran, Ajax Flakes, and Unicorn Dairy Ration, 4 parts each hominy and gluten, 3 parts each cottonseed meal and oil meal; 30 lbs. ensilage, 10 lbs. hay.

June—Same grain ration as May; 25 lbs. ensilage, 5 lbs. hay, and pasture.

July—8 lbs. grain daily same mixture as May; 20 lbs. ensilage, 5 lbs. hay, and pasture.

Aug.—8 lbs. grain daily of the following mixture: 1 part each bran, Schumacher Feed, and gluten, 1.25 parts Ajax Flakes, 3 parts Unicorn Dairy Ration, .5 part each cottonseed meal and oil meal; 25 lbs. ensilage, 5 lbs. hay, and pasture.

Sept.—Same ration as given in August.

5661 Princess Nora of Bayside 53858

Sire Pinecrest May Prince 21427 A. R.
Sire Langwater King of the May 12999.
Dam Holliston France 27591 A. R. 2114.
Dam Nora of Bayside 36826.
Sire Brutus of Bayside 13525 A. R.
Dam Nora of Hulmeville 21917 A. R. 2302.
Breeder Henry C. Everett, Barnstable, Mass.
Owner Henry C. Everett, Barnstable, Mass.
Born May 6, 1914. *Calved* Aug. 26, 1916.
Served Oct. 10, 1916. *Calved* July 28, 1917.
Requirement for admission: 262.20 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class GG

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 1, 1916,	712.50	4.54	32.35
Oct., "	774.40	4.77	36.94
Nov., "	719.70	4.69	33.75
Dec., "	618.40	4.96	30.67
Jan., 1917,	603.75	5.03	30.37
Feb., "	518.15	5.17	26.79
Mar., "	591.55	5.52	32.65
Apr., "	489.55	4.86	23.79
May, "	334.40	5.66	18.93
June, "	277.35	6.79	18.83
July,* "	34.85	4.54	1.58
Aug. 31, "	586.95	4.54	26.65
Total	**6261.55**	**5.00 Av.**	**313.30**

*29 days dry.

Owner's Statement of Feed

Sept.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each middlings, hominy, ground oats, and gluten, 300 lbs. Ajax Flakes; green corn and pasture.

Oct.—Same ration as given in September.

Nov.—Same grain ration as September; 35 lbs. ensilage, mixed hay.

Dec.—14 lbs. grain daily of the following mixture: 200 lbs. each bran, middlings, Ajax Flakes, and gluten, 100 lbs. each hominy and ground oats; 30 lbs. ensilage, mixed hay.

Jan.—12 lbs. grain daily same mixture as December with corn meal in place of hominy; 40 lbs. ensilage, mixed hay.

Feb.—12 lbs. grain daily of the following mixture: 200 lbs. each bran, Ajax Flakes, and gluten, 100 lbs. each middlings, corn meal, and ground oats; ensilage and hay.

Mar.—10 lbs. grain daily of the following mixture: 200 lbs. each bran, corn meal, and Ajax Flakes, 100 lbs. each middlings, ground oats, and gluten; ensilage and hay.

Apr.—Same grain ration as March with D. D. D. Grains in place of Ajax Flakes in mixture; mixed hay.

May—Same ration as given in April.

June—10 lbs. grain daily same mixture as April; mixed hay.

July—12 lbs. grain daily same mixture as April; mixed hay.

Aug.—Same ration as given in July.

5662 May Queen of Bayside 54600

Sire Pinecrest May Prince 21427 A. R.
Sire Langwater King of the May 12999.
Dam Holliston France 27591 A. R. 2114.
Dam Imp. Belle of the Vrangue 27541 A. R. 2652.
Sire Starlight R. G. A. S. 1469 P. S., A. R.
Dam Belle of the Friquet R. G. A. S. 3076 F. S.
Breeder Henry C. Everett, Barnstable, Mass.
Owner Henry C. Everett, Barnstable, Mass.
Born Apr. 22, 1914. *Calved* Sept. 27, 1916.
Served Apr. 4, 1917.
Requirement for admission: 266.60 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Oct. 1, 1916,	912.25	3.99	36.40
Nov., "	759.90	4.72	35.87
Dec., "	631.65	5.01	31.65
Jan., 1917,	615.10	4.95	30.45
Feb., "	581.60	5.41	31.46
Mar., "	620.30	5.22	32.38
Apr., "	473.15	4.80	22.71
May, "	445.70	5.21	23.22
June, "	363.15	6.45	23.42
July, "	292.20	6.16	18.00
Aug., "	262.55	5.76	15.12
Sept. 30, "	251.06	4.93	12.38
Total	**6208.61**	**5.04 Av.**	**313.06**

Owner's Statement of Feed

Oct.—12 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each middlings, hominy, ground oats, and gluten, 300 lbs. Ajax Flakes; ensilage and hay.

Nov.—Same grain ration as October; 35 lbs. ensilage, mixed hay.

Dec.—12 lbs. grain daily of the following mixture: 200 lbs. each bran, middlings, Ajax Flakes, and gluten, 100 lbs. each hominy and ground oats; 30 lbs. ensilage, mixed hay.

Jan.—12 lbs. grain daily same mixture as December with corn meal in place of hominy; 40 lbs. ensilage, mixed hay.

Feb.—10 lbs. grain daily of the following mixture: 200 lbs. each bran, Ajax Flakes, and gluten, 100 lbs. each middlings, corn meal, and ground oats; ensilage and hay.

Mar.—10 lbs. grain daily of the following mixture: 200 lbs. each bran, corn meal, and Ajax Flakes, 100 lbs. each middlings, ground oats, and gluten; ensilage and hay.

Apr.—Same grain ration as March with D. D. D. Grains in place of Ajax Flakes in mixture; mixed hay.

May—Same ration as given in April.

June—10 lbs. grain daily same mixture as April; mixed hay.

July—12 lbs. grain daily same mixture as April; mixed hay.

Aug.—Same ration as given in July.

Sept.—10 lbs. grain daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy and gluten, 50 lbs. ground oats; mixed hay.

5663 Dotty Primrose 52666

Sire Masher's Sequence 15778 A. R.
Sire Imp. Ramée's Sequel 10463 A. R.
Dam Imp. Violet of Pulias 18556 A. R. 495.
Dam Imp. Primrose IV. of Saints 30274 A. R. 2737.
Sire Renown II. of the Gâchères R. G. A. S. 1909 P. S.
Dam Primrose of Saints R. G. A. S. 2823 F. S.
Breeder Henry W. Leeds, Westville, N. J.
Owner Henry W. Leeds, Westville, N. J.
Born May 27, 1914. *Calved* Aug. 13, 1916.
Served Feb. 21, 1917.
Requirement for admission: 261.30 lbs. butter fat.
Supervised by New Jersey Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 13, 1916,	491.70	5.14	25.27
Oct., "	844.90	4.76	40.22
Nov., "	796.10	5.14	40.92
Dec., "	705.40	5.52	38.94
Jan., 1917,	632.70	5.72	36.19
Feb., "	572.00	5.88	33.63
Mar., "	631.60	5.30	33.47
Apr., "	493.70	5.43	26.81
May, "	591.90	5.33	31.55
June, "	577.40	5.39	31.12
July, "	514.90	5.29	27.24
Aug., "	481.20	5.38	25.89
Sept. 12, "	175.10	5.38	9.42
Total	**7508.60**	**5.34 Av.**	**400.67**

Owner's Statement of Feed

Sept.—9 lbs. grain daily of the following mixture: 100 lbs. each bran, corn meal, gluten, and linseed meal, 250 lbs. Ajax Flakes, 50 lbs. cottonseed meal; 15 lbs. ensilage, 8 lbs. alfalfa.

Oct.—10 lbs. Union Grains daily; 2 lbs. beet pulp, 20 lbs. roots from the 28th, 15 lbs. ensilage, 8 lbs. alfalfa.

Nov.—Same grain ration as October; 30 lbs. roots, 25 lbs. ensilage, 10 lbs. alfalfa.

Dec.—Same grain ration as October; 30 lbs. roots, 25 lbs. ensilage, 8 lbs. alfalfa.

Jan.—10 lbs. grain daily of the following mixture: 100 lbs. each bran and cottonseed meal, 400 lbs. corn meal, 225 lbs. Ajax Flakes; 20 lbs. roots, 15 lbs. ensilage, 10 lbs. alfalfa.

Feb.—9 lbs. Union Grains daily; 20 lbs. beets, 10 lbs. ensilage, 8 lbs. alfalfa.

Mar.—14 lbs. grain daily of 4 lbs. corn meal and 10 lbs. Union Grains; 10 lbs. ensilage, 8 lbs. alfalfa.

Apr.—Same ration as given in March.

May—Same ration as given in March.

June—6 lbs. Union Grains daily; green oats and peas with pasture.

July—10 lbs. grain daily of 1 lb. each bran and corn meal and 8 lbs. Union Grains; green corn and pasture.

Aug.—11 lbs. grain daily of 3 lbs. corn meal and 8 lbs. Union Grains; green corn, alfalfa, and pasture.

Sept.—8 lbs. Union Grains daily; green corn, alfalfa, and pasture.

5664 Mixter Duchess 48395

Sire Duke of Waumesit 13480 A. R.
Sire Modena's Yeoman of Langwater 10764 A. R.
Dam Sonsie of Waumesit 19724.
Dam Thirty Thousand Eight Hundred Thirty Five 30835 A. R. 3093.
Sire Prince of Groton 9841 A. R.
Dam Miss Finch 26253.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Aug. 24, 1911. *Calved* Sept. 7, 1916.
Served Mar. 10, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 10, 1916,	902.00	4.44	40.05
Oct., "	1233.20	4.56	56.23
Nov., "	1124.30	4.49	50.48
Dec., "	1063.90	5.07	53.94
Jan., 1917,	1064.20	5.01	53.32
Feb., "	873.80	5.01	43.78
Mar., "	1036.10	5.44	56.36
Apr., "	1002.40	5.21	52.23
May, "	1024.40	5.22	53.47
June, "	1011.60	5.05	51.09
July, "	985.00	5.03	49.55
Aug., "	934.20	5.35	49.98
Sept. 9, "	255.10	5.19	13.24
Total	**12510.20**	**4.99 Av.**	**623.72**

Owner's Statement of Feed

Sept.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture.

Oct.—14 lbs. grain daily same mixture as September; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture to the 7th.

Nov.—Same ration as given in October without pasture.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

Mar.—14 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and linseed meal, 500 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Apr.—Same ration as given in March.

May—14 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Schumacher Feed, and cottonseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, green feed, alfalfa, and pasture.

June—14 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, green feed, alfalfa, and pasture.

July—Same ration as given in June.

Aug.—Same grain ration as May; 2 lbs. beet pulp, green feed, hay, and pasture.

Sept.—Same grain ration as May with 100 lbs. linseed meal added to mixture; same roughage as August.

5665 Mixter Dominie 54247

Sire Prince of Groton 9841 A. R.
Sire Sheet Anchor 3d 4714.
Dam Neuetzin 10658.
Dam Thirty Thousand One Hundred Twenty 30120 A. R. 3461.
Sire Prince Harry of Topsfield 8736 A. R.
Dam Dominie 20731.
Breeder Est. George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Jan. 18, 1912. *Calved* Sept. 19, 1916.
Served Apr. 11, 1917.
Requirement for admission: 348.10 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class B

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 22, 1916,	274.70	4.96	13.63
Oct., "	1119.40	4.36	48.81
Nov., "	997.70	4.86	48.49
Dec., "	986.90	5.11	50.43
Jan., 1917,	952.20	5.10	48.56
Feb., "	780.90	5.27	41.15
Mar., "	826.90	5.43	44.90
Apr., "	708.30	5.72	40.51
May, "	652.30	5.59	36.46
June, "	542.70	6.05	32.83
July, "	466.10	5.61	26.15
Aug., "	426.00	5.85	24.92
Sept. 21, "	247.30	5.91	14.62
Total	**8981.40**	**5.25 Av.**	**471.46**

Owner's Statement of Feed

Sept.—10 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture.

Oct.—12 lbs. grain daily same mixture as September; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture to the 7th.

Nov.—Same ration as given in October without pasture.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

Mar.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and linseed meal, 500 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Apr.—Same ration as given in March.

May—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Schumacher Feed, and cottonseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, green feed, alfalfa, and pasture.

June—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, green feed, alfalfa, and pasture.

July—Same ration as given in June.

Aug.—Same grain ration as May; 2 lbs. beet pulp, green feed, hay, and pasture.

Sept.—Same grain ration as May with 100 lbs. linseed meal added to mixture; same roughage as August.

5666 Thirty Thousand Eight Hundred Fifty Eight 30858

Sire Prince of Groton 9841 A. R.
Sire Sheet Anchor 3d 4714.
Dam Neuetzin 10658.
Dam Dolly of Nobska 26187.
Sire Lord Hardwick 2d 5981 A. R.
Dam Nobska Fay 16298.
Breeder George Mixter, Hardwick, Mass.
Owner Est. George Mixter, Hardwick, Mass.
Born Jan. 19, 1909. *Calved* Sept. 23, 1916.
Served Mar. 10, 1917.
Requirement for admission: 360.00 lbs. butter fat.
Supervised by Massachusetts Agricultural Experiment Station.

Official Year's Record, Class A

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 28, 1916,	94.60	5.18	4.90
Oct., "	1054.60	5.18	54.63
Nov., "	1040.10	5.31	55.23
Dec., "	929.00	5.22	48.49
Jan., 1917,	883.50	5.21	46.03
Feb., "	726.40	5.30	38.50
Mar., "	751.40	5.34	40.12
Apr., "	724.00	5.39	39.02
May, "	694.80	5.38	37.38
June, "	637.60	5.36	34.18
July, "	582.80	5.38	31.35
Aug., "	436.00	6.14	26.77
Sept. 27, "	237.30	6.06	14.38
Total	**8792.10**	**5.36 Av.**	**470.98**

Owner's Statement of Feed

Sept.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 250 lbs. Ajax Flakes; 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay, pasture to the 7th.

Nov.—Same ration as October without pasture.

Dec.—Same ration as given in November.

Jan.—Same ration as given in November.

Feb.—Same ration as given in November.

Mar.—12 lbs. grain daily of the following mixture: 100 lbs. each bran, cottonseed meal, and linseed meal, 500 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, alfalfa, clover, and mixed hay.

Apr.—Same ration as given in March.

May—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, Schumacher Feed, and cottonseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, 20 lbs. ensilage, green feed, alfalfa, and pasture.

June—12 lbs. grain daily of the following mixture: 100 lbs. each bran, hominy, ground oats, cottonseed meal, and linseed meal, 600 lbs. Elmore Feed; 2 lbs. beet pulp, green feed, alfalfa, and pasture.

July—Same ration as given in June.

Aug.—Same grain ration as May; 2 lbs. beet pulp, green feed, hay, and pasture.

Sept.—Same grain ration as May with 100 lbs. linseed meal added to mixture; same roughage as August.

5667 Imp. Violet III. of le Mont Durant 54310

Sire Justinée's Sequel of the Préel R. G. A. S. 2119 P. S., A. R.
Sire Imp. Galaxy's Sequel 16904 A. R.
Dam Justinée IV. R. G. A. S. 5091 P. S.
Dam Violet of le Mont Durant R. G. A. S. 3278 F. S.
Sire On Guernsey.
Dam On Guernsey.
Breeder T. W. M. de Guerin, Island of Guernsey.
Owner George Wood, Wawa, Pa.
Born July 18, 1912. *Calved* Sept. 1, 1916.
Served Jan. 5, 1917.
Requirement for admission: 328.30 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class C

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 5, 1916,	748.70	3.39	25.38
Oct., "	840.00	3.75	31.50
Nov., "	729.70	4.22	30.79
Dec., "	710.30	5.01	35.59
Jan., 1917,	677.20	4.74	32.10
Feb., "	574.60	5.19	29.82
Mar., "	634.40	5.13	32.54
Apr., "	620.70	5.12	31.78
May, "	630.60	5.32	33.55
June, "	563.80	5.28	29.77
July, "	532.90	4.98	26.54
Aug., "	462.50	5.22	24.14
Sept. 4, "	52.00	5.22	2.71
Total	**7777.40**	**4.71 Av.**	**366.21**

Owner's Statement of Feed

Sept.—6 lbs. grain daily of 2 parts each bran and hominy, .5 part each gluten and cottonseed meal; 6 lbs. beet pulp, 12 lbs. alfalfa.

Oct.—7.5 lbs. grain daily same mixture as September; 2 lbs. beet pulp, 25 lbs. ensilage, 11 lbs. hay.

Nov.—6.5 lbs. grain daily same mixture as September; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Dec.—6 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Jan.—6 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

Feb.—9 lbs. grain daily of 2 parts each bran and corn meal, 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—Same grain ration as February; 2 lbs. beet pulp, 10 lbs. alfalfa.

Apr.—Same grain ration as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

May—4.5 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

June—Same ration as given in May.

July—6 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 10 lbs. each ensilage and hay.

Aug.—Same grain ration as July; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Sept.—Same ration as given in August.

5668 La Fleur du Jardin's Fair Annie of Wawa 54164

Sire Imp. Dan Patch of the Isle 21293 A. R.
Sire Imp. Raymond's Pourquoi Pas 17653 A. R.
Dam Imp. La Fleur du Jardin XIII. 36189.
Dam Fair Anna Belle of Wawa 43950 A. R. 2766.
Sire Auricula's Glenwood of Pinehurst 9408 A. R.
Dam Fair Annie of Guernsey Hill 10725 A. R. 249.
Breeder George Wood, Wawa, Pa.
Owner George Wood, Wawa, Pa.
Born Apr. 30, 1914. *Calved* Sept. 8, 1916.
Served Jan. 8, 1917.
Requirement for admission: 264.00 lbs. butter fat.
Supervised under one day test by Pennsylvania Agricultural Experiment Station.

Official Year's Record, Class G

	Milk	Butter Fat	
	lbs.	%	lbs.
Sept. 13, 1916,	550.50	3.15	17.34
Oct., "	929.90	3.78	35.15
Nov., "	816.80	5.02	41.00
Dec., "	770.70	5.12	39.46
Jan., 1917,	670.50	5.07	33.99
Feb., "	613.90	4.95	30.39
Mar., "	703.30	4.87	34.25
Apr., "	621.00	5.14	31.92
May, "	720.30	5.22	37.60
June, "	652.80	5.21	34.01
July, "	588.30	5.17	30.42
Aug., "	460.50	5.57	25.65
Sept. 12, "	159.00	5.98	9.51
Total	**8257.50**	**4.85 Av.**	**400.69**

Owner's Statement of Feed

Sept.—7.5 lbs. grain daily of 2 parts each bran and hominy and .5 part each gluten and cottonseed meal; 6 lbs. beet pulp, 12 lbs. alfalfa.

Oct.—Same grain ration as September; 2 lbs. beet pulp, 25 lbs. ensilage, 11 lbs. hay.

Nov.—Same grain ration as September; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Dec.—7.5 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Jan.—7.5 lbs. grain daily of 2 parts each bran and (corn and cob) meal and 1 part cottonseed meal; 2 lbs. beet pulp, 25 lbs. ensilage, 10 lbs. hay.

Feb.—9 lbs. grain daily of 2 parts each bran and corn meal and 1 part cottonseed meal; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. alfalfa.

Mar.—Same grain ration as February; 2 lbs. beet pulp, 10 lbs. alfalfa.

Apr.—4.5 lbs. grain daily same mixture as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

May—Same grain ration as February; same roughage as April.

June—Same ration as given in May.

July—Same grain ration as February; 2 lbs. beet pulp, 10 lbs. each ensilage and hay.

Aug.—Same grain ration as February; 2 lbs. beet pulp, 20 lbs. ensilage, 10 lbs. hay.

Sept.—Same ration as given in August.